HOLSTEIN-FRIESIAN WORLD

TRADE MARK REG.

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COMBINING

Black and White Record

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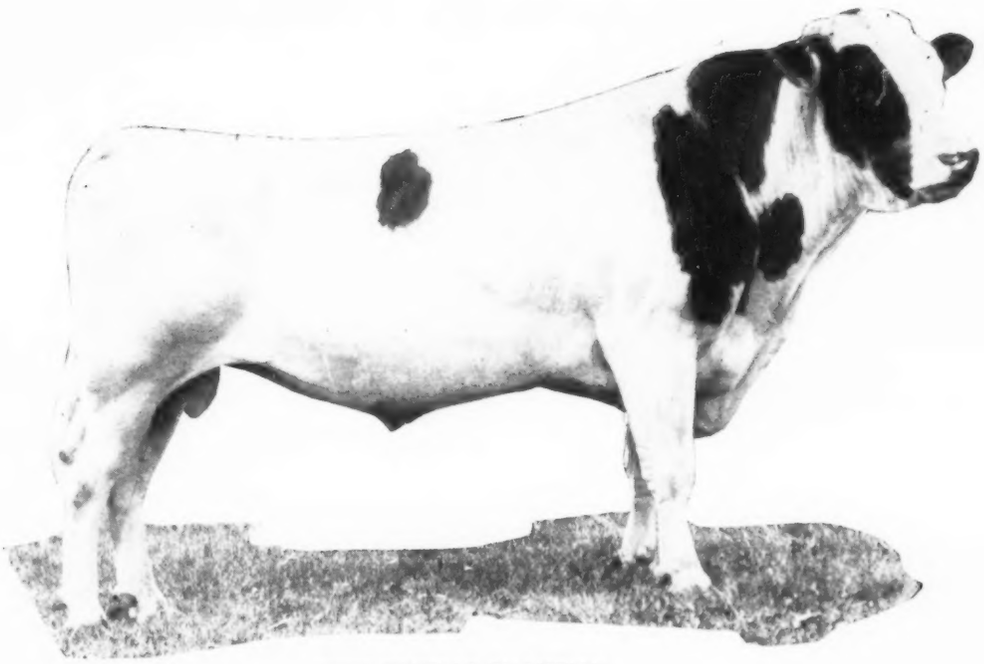
MARCH 13, 1920



KING PONTIAC CHAMPION

Entered as second class matter D...

3

Of our finest individual daughters of King Pietertje Ormsby Piebe go to the IOWA STATE BREEDERS' SALE to be held at Waterloo, Iowa, March 23-24.

These heifers are high class individuals, good enough to win anywhere and you will remember are sisters to Queen Ormsby Netherland Parthenea, junior champion at the 1919 National Dairy Show.

To make this offering still more attractive we have bred them all to a son of Miss Pietertje Alexina 2d with over 42 lbs. in seven days and 1290 lbs. in a year.

— BRED TO A 1200-LB. BULL

A REAL opportunity is also offered in the three daughters of King Mutual Korndyke whose dam is world champion long distance and only 1200-lb. two-year-old. AND DO NOT OVERLOOK THIS—these heifers are all in calf to King Pietertje Ormsby Piebe, son of the only 30,000-lb. heifer. Their own sire and the sire to which they are bred are both sons of cows with records above 1200 lbs. in a year.

Come to this great sale and judge Iowa Holsteins by it.

HARGROVE & ARNOLD
Norwalk, Iowa

KING PIETERTJE ORMSBY PIEBE

A son of the breed's only 30000-lb. heifer.

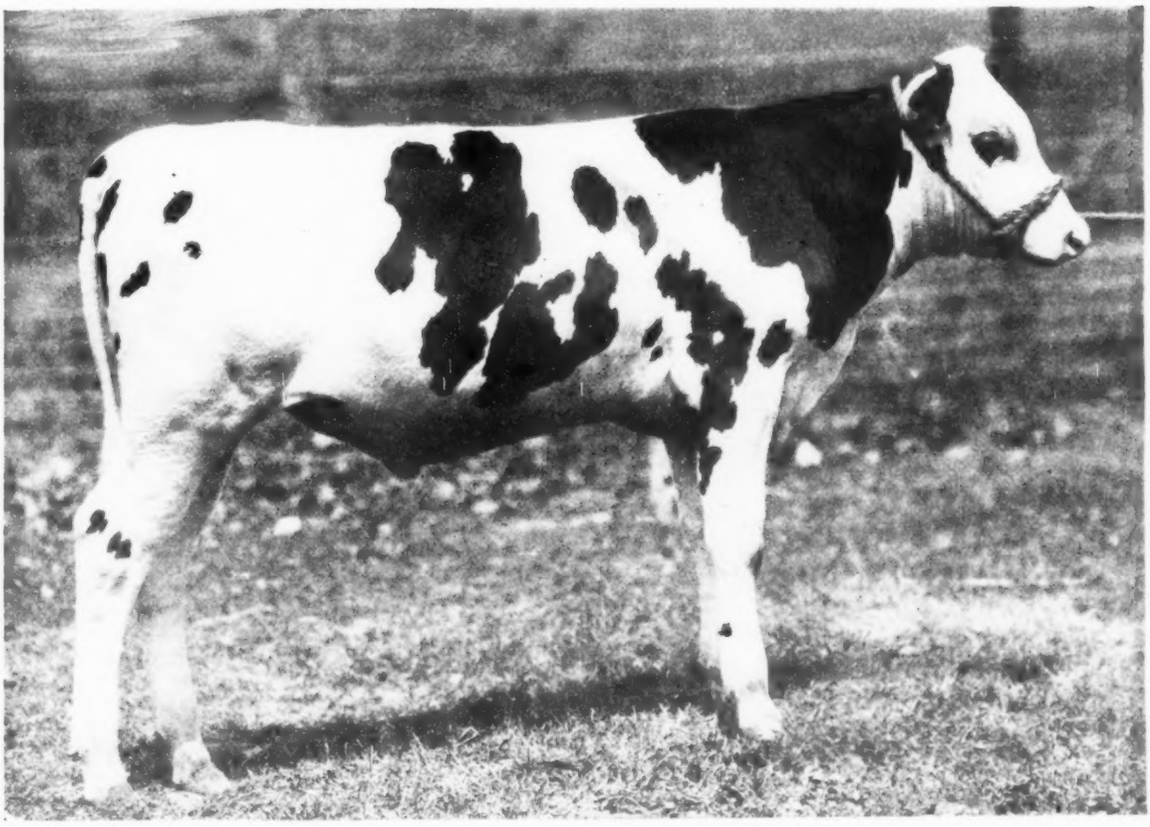
His dam the highest record daughter of Sir Pietertje Ormsby Mercedes.

DO YOU NEED A BULL?

A good individual and ready for service. A brother to nine 1000-lb. cows and eleven over 22,000 lb. milk. His dam a 28-lb. daughter of a 32-lb. cow.

Here He Is—

(Photo at 6 months old)



A SON OF ORMSBY KORNDYKE LAD
His dam has two crosses of AAGGIE CORNUCOPIA PAULINE breeding

BEAVER DAM STOCK FARM

JULIUS SCHMID, Owner

Montgomery New York

Concentration of Posch Blood

BLACRES BONNIBELL BRIDESMAID

One of the first tested granddaughters of

Ormsby Korndyke Lad

Butter seven days	22.8	lbs.
Butter thirty days	88.46	lbs.
Butter sixty days	174.4	lbs.
Milk seven days	577.4	lbs.
Milk thirty days	2422.3	lbs.
Milk sixty days	4500.1	lbs.

—and she is now entering the semi-official list.

In her sire there is a double combination of that famous Posch Blood.

Her Sire, Cornucopia Ormsby Lad, a Son of Ormsby Korndyke Lad and Ada Cornucopia Posch, possesses that double combination of the Posch blood being one generation nearer to Alta Posch and Alta Posch's Son through his Dam, than through his Sire Ormsby Korndyke Lad and his Dam in turn, Polly Posch.

Blacres Bonnibel Bridesmaid is one of sixteen tested granddaughters of Ormsby Korndyke Lad from our Sire Cornucopia Ormsby Lad and the entire sixteen have averaged 19.7 lbs. of butter in seven days with first calf, with seven over 20 lbs. The highest 22.8 lbs., the lowest 16.58 lbs., shows uniformity.

It simply proves conclusively that Ormsby Korndyke Lad has wonderful transmitting ability, not only through his daughters but through his sons as well.

BLACRES

BENNETT & LATZER **Wellsboro, Pa.**

THE DAISY HILL FARM

CHAGRIN FALLS, OHIO

Uncle Sam Guards the Health of Our Herd

Special Offering

DAISY HILL KORNDYKE DUKE

Born June 24, 1919

The Records of His Two Nearest Dams Average:

Butter	28.57
Milk	566.00

Sire Maplecrest Pontiac Burton, our herd sire, by Pontiac Aaggie Korndyke (six 1000-lb. daughters) from Lady of Burton De Kol, a 31-lb. cow with four 1000-lb. sisters. Maplecrest Pontiac Burton is a full brother to Maplecrest Pontiac De Kol Lady with 1018 lbs. butter in a year as a 4-year-old.

Dam Bertjusca Ormsby with 25.6 lbs. butter from 622 lbs. milk. In 219 days she has made 588 lbs. butter from 16667 lbs. milk and promises to make a splendid year record. She is a sister to Lady Ormsby Prague with 1223.5 lbs. butter in a year.

Thirty-nine near relatives of this bull are 30-lb. cows and thirty-eight have semi-official records, nine of which are above 1200 lbs.

THE PRICE IS MODERATE
FOR A BULL OF HIS QUALITY

EVERY ONE A DAISY

LONE PINE FARM

If you want to buy as good a bull as we have owned in a long time, just refer to page 41 of the February 21st issue of the World

This is a Real Bull

Some extremely choice sons of Sir Pietertje Ormsby Mercedes 37th can now be offered.

JOHN ERICKSON & SONS

Waupaca, Wis.

The Home of

MAPLECREST AVALON

No. 203845

The 1200-lb. Sire

We are glad to be able to announce to our friends and customers that the Federal Bureau of Animal Industry has recently completed a tuberculin test of the 119 animals in our herd and that no reactions were found.

Several young bulls on hand from yearly record stock.

No females for sale.

AVALON FARMS

E. D. CURTIS, Owner Bantam, Conn.

Ormsby Bull

Ready for Use

A SPLENDID INDIVIDUAL EVENLY MARKED

This youngster is sired by a son of Sir Pietertje Ormsby Mercedes 37th (best proven son of his sire) from a 29-lb. foundation cow in Mr. Erickson's herd. The dam of the calf as a 2-year-old made over 17 lb. butter from 405.1 lb. milk. Her dam has a very creditable record and her sire is a grandson of Colantha Johanna Champion.

Proven blood lines back of this fellow at a modest price.

PONDEROSA HERD

W. P. KISSINGER Waupaca, Wis.

BRED TO TRANSMIT

KING BESS BURKE ORMSBY

SIR PIETERTJE ORMSBY MERCEDES 36th

- SIR PIETERTJE ORMSBY MERCEDES
  - JACK MERCEDES
  - PIETERTJE MAID ORMSBY
  - **2 A. R. O. Daughters**
- AAGGIE WAYNE PEEP
  - AAGGIE 3d's WAYNE PAUL DE KOL
  - EARLY DAWN PEEP
  - **3 A. R. O. Daughters**

BESS BURKE ORMSBY

- SIR PIETERTJE ORMSBY MERCEDES
  - JACK MERCEDES
  - PIETERTJE MAID ORMSBY
  - **2 A. R. O. Daughters**
- SPRING BROOK BESS BURKE
  - WISCONSIN BESS CHIEF
  - SPRING BROOK BURKE
  - **4 A. R. O. Daughters**
  - **5 A. R. O. Daughters**

Judge a bull by the number of proven daughters in his pedigree. KING BESS BURKE ORMSBY has 18, which shows how well his nearest dams were able to transmit production.

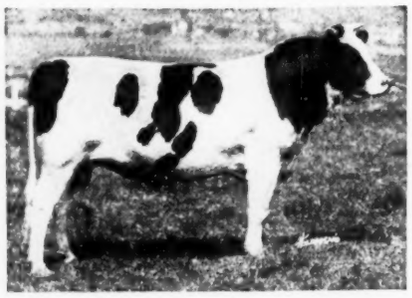
Buy One of His Sons.

MILFORD MEADOWS STOCK FARM

Lake Mills, Wis. **J. C. CORT, Mgr.**

The Willington Herd

Headed by



King Korndyke Fannie Veeman

First Prize at Eastern States Exposition. Sire of the First Prize bull calf and junior champion at Eastern States Exposition.

A son of King Korndyke Sadie Vale from a 30-lb. daughter of the great Sir Veeman Hengerveld. We have none of his sons for sale, but some of our greatest cows are in calf to him.

(Herd is under Federal Supervision)

Gardiner Hall, Jr. & Co.

R. L. Birdsall, Mgr. South Willington, Conn.

KEYSTONE FARMS

Our next Holstein sale will take place April 14th. In order to make room we are just obliged to dispose, at a great sacrifice, 60 registered Berkshires all ages. Great many sows have been bred to Royal Charmer Superbus 2d, No. 263780, a most wonderful boar of show type quality.

If you want Berkshires at real low prices it will pay you big to drop me a postal.

This ad will appear only once.

H. C. REINHOLD & SON

East Petersburg Pa.

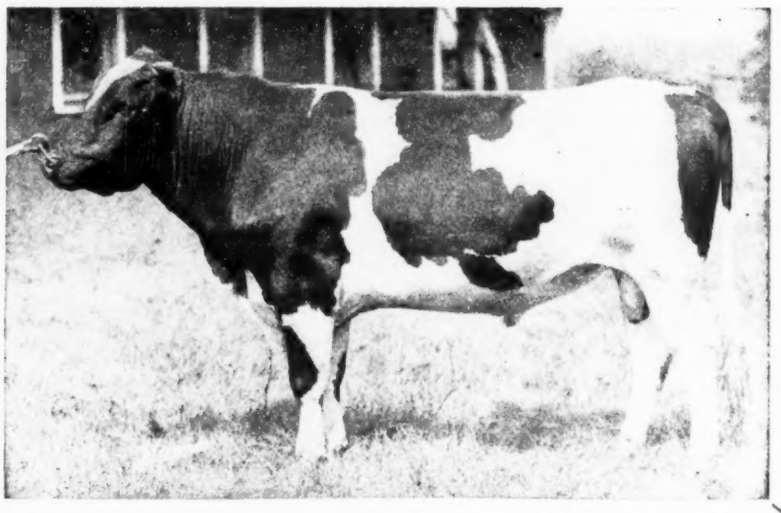
OUR JUNIOR SIRE

MEADOWHOLM PEEP HARTOG

His Dam's Records

1287 lb. Butter

26204 lb. Milk



His Dam's Full Sister

1250 lb. Butter

27762 lb. Milk

His Sons from High Record Dams are Offered for Sale

CLEVELAND CITY FARNS

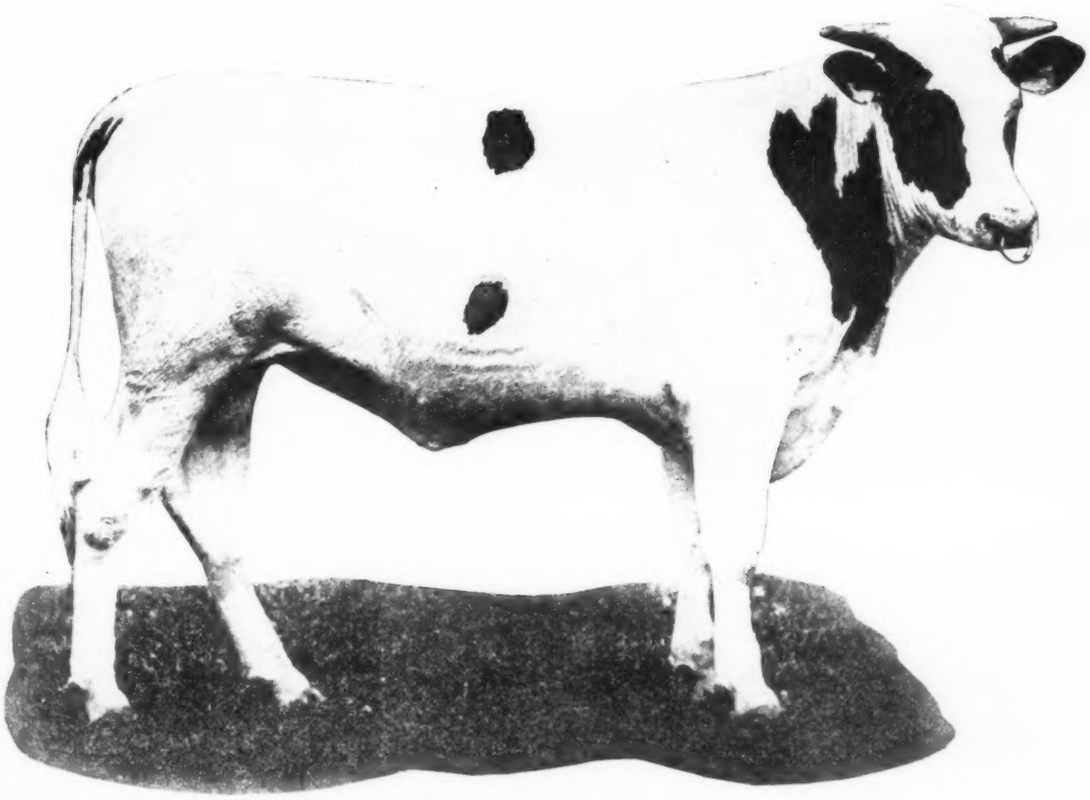
L. H. MOULTON, Farm Supt.

WARRENSVILLE, OHIO

H. L. STARKEY, in Charge of Cattle

A TRUE CHAMPION

—With the May Echo Breeding



CHAMPION ECHO LADOGA

His Two Nearest Dams Average

Butter . . . 36.07 Milk . . . 785

Here is one of the best "May Echo" bulls in the Empire State.

Sired by Champion Echo Sylvia Pontiac—the best proven son of May Echo Sylvia—he gets through his sire the blood of not only two 40-lb. cows but also King of the Pontiacs and Aaggie Cornucopia Johanna Lad.

His dam—one of the world champion twins made over 26 lbs. as a two-year-old—came back last year making better than 31 lbs.—she a twin sister to a 31-lb. two-year-old that enjoys the honor of being the youngest cow in the world to have twice made over 30 lbs. Through his dam he gets a cross of Changeling and Pietertje Hengerveld's Count De Kol, both fountain heads of extreme milk production.

He stands at the head of a herd containing a large number of 30-lb. cows—cows that were selected for individual quality and type. If you cannot purchase grandsons of May Echo Sylvia you can get sons of Champion Echo Ladoga at prices any progressive Holstein man can well afford to pay.

Come to North Country Farms and inspect what we believe is one of the very greatest grandsons of this famous cow.

NORTH COUNTRY FARMS

Geo. N. Smith :: Watertown, N. Y.

ONLY A FEW OF THEM LEFT

While you have an opportunity come to Pleasant Hill Herd and purchase a high bred son of King Korndyke Sadie Vale.

King Korndyke Sadie Vale Victor, born July 29, 1919. A large growthy fellow, fine individual, in color 2-3 black. His three nearest dams average 32.31. His seven nearest dams average 29.87.

Sire: King Korndyke Sadie Vale. You all know of the wonderful work his sons and daughters are doing. Among recent records is his three-year-old daughter K. K. S. V. Lockhart who freshened on Nov. 19 and in the early days of December made 573.2 milk and 32.79 butter with a 30-day record of 2295.5 milk and 124.8 lbs. butter. She was again put on test on January 10 and made 560.7 lbs. milk and 28.17 lbs. butter. This shows the quality of his daughters.

Dam: Victoria De Kol Hengerveld Veeman with a record at 4½ years of butter 30.61, milk 601.7; butter 30 days 116.05, milk 30 days 2334.0. She made her 7-day record 50 days after calving. She has two A. R. O. daughters with records as follows:

K. K. S. V. Victoria De Kol, 28m 22.20
Lula Hengerveld Veeman Pontiac 28.70

The sire of "Victoria" is the great Sir Veeman Hengerveld. You all know of his fame. Her dam is Kate De Kol Wayne with a record of 25 lbs. She has three A. R. O. daughters that average over 30 lbs. butter in 7 days. Her dam is the great old foundation cow Lady Wayne Boon with a 22-lb. record and 6 A. R. O. daughters.

W. D. ROBENS **Poland, N. Y.**

REDUCTION SALE

On May 18, 1920 we will hold at our farm a reduction sale of our herd. As a result of this decision it will be necessary to retain all of our females until that time. In the meantime our sales will have to be confined entirely to young bulls.

In this sale will go many of our greatest producing cows, descendants of blood lines that have produced Katie Paul Burke, World Champion 44-lb. 4-year-old and many other high record animals.

This herd has become noted for the transmitting ability of its foundation cows and if you are seeking animals that can produce and reproduce, generation after generation, do not overlook this important event

JABEZ SMITH & SON

Newark Valley **New York**

World's Greatest Producing Sire

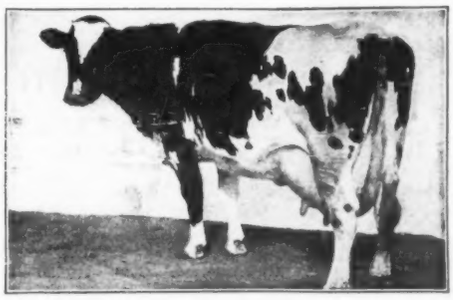
COLANTHA JOHANNA LAD, No. 32481

128 A. R. O. daughters
26 from 30 to 36 lbs. butter 7 days
30 from 600 to 750 lbs. milk 7 days
Two of his YEARLY TESTED daughters made
1315 lbs. butter from 25400 lbs. milk
1082 lbs. butter from 27625 lbs. milk

FOR SALE

The Best Bred Bull In the World

World's Greatest Producing Dam



AAGGIE CORNUCOPIA PAULINE, No. 48426

34.32 lbs. butter 7 days
137.62 lbs. butter 30 days
Heads the only set of four direct generations of cows from 30 to 41 lbs., also three sets of three direct generations above 30 lbs.

We are going to sell one of our

41-LB. SIRES

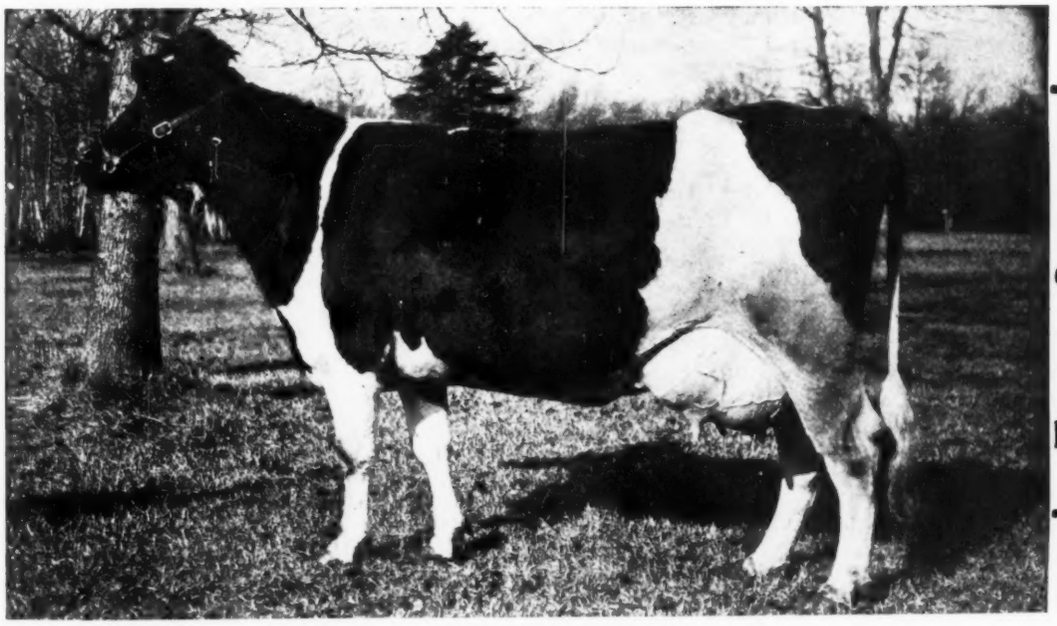
And intend to keep the other to head our

NOTED FIELD HERD

As long as he lives

One, a three-year-old is sired by Colantha Johanna Lad, No. 32481.
The other, a one-year-old, is by our 46-lb. sire, King Ormsby Jane Rag Apple, No. 208888.
DAM OF BOTH BULLS

A Granddaughter of Colantha Johanna Lad



A Granddaughter of Pontiac Korndyke

RAG APPLE AAGGIE COLANTHA, No. 233800

Her sire is full brother to Pontiac Clothilde De Kol 2d, 37.21 lbs., 7 days, 1271.60 butter from 25318 lbs. milk in ONE YEAR.

Her Record		Her Dam's Record		Her Grandam's Record		Her Great Grandam's Record (Aaggie Cornucopia Pauline)	
Butter 7 days	41.24	Butter 7 days	34.76	Butter 7 days	30.00	Butter 7 days	34.32
Milk	715.10	Milk	676.40	Milk	601.50	Milk	659.20
Butter 30 days	163.68	Butter 30 days	134.84	Butter 30 days	113.28	Butter 30 days	137.62
Milk	2852.50	Milk	2763.60	Milk	2563.30	Milk	2640.30

FOR SALE—Bull calves and heifers from our 46 and 41-lb. sires. Let us double up the production of your herd.

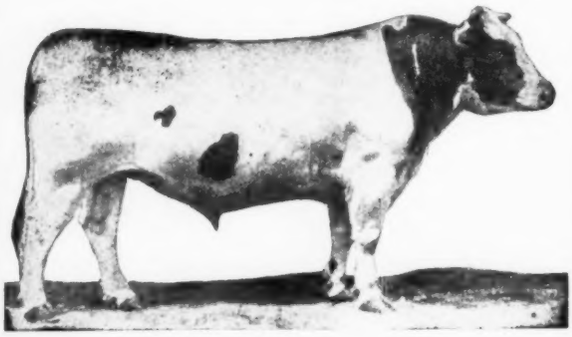
NOTED FIELD HERD

Owned

D. W. FIELD FARM CO. Oak Street MONTELLO, Mass.

$1000

Buy a 14 months old grandson of King Segis Pontiac Count. A straight square individual, more white than black—every inch a real bull.



KING SEGIS PONTIAC FAYNE STAR

His Sire

His sire, King Segis Pontiac Fayne Star is regarded the best individual King Segis Pontiac Count ever sired. At four years "Star" weighs 2311 lbs. His dam is Johanna Fayne Star with 32.70 lbs. in 7 days and 941 lbs. butter from 23,500 lbs. milk in a year. She is a full sister to a 1000-lb. cow and from Star Watson with six tested daughters.

His Dam

His dam, Lillian Colantha Wayne De Kol has 24.57 lbs. and 661 lbs. milk in 7 days, 2579 lbs. milk in 30 days and 313.2 lbs. butter from 8308.5 lbs. milk in 100 days. All official records. In addition she has a 305-day record of 700 lbs. butter and will freshen within 13 months. She is from a daughter of Judge Hengerveld De Kol—the third dam a 27-lb. cow and sister to two cows, both above 800 lbs in a year.

Don't delay on a bull of this quality at the above named price.

FLECKS FARMS

FARIBAULT A. W. PETERSEN Mgr. Minn.

STRICKLAND FARMS

Offer

Bull from 29.93 lb. cow, 2225.7 milk 30 days. Beautiful in color, 7-8 white; straight; square; well grown, about ready for service. You would like him. Now his sire is a great Ormsby bull. Has for his dam the same dam as "King Segis Pontiac Count," Senator Hackney's bull. Grandam has 35.56. Some calf this.

Tuberculin tested, ready to ship.

We also have other good bulls ready and younger ones with dams up to and over 30 lbs.

Always good young stock in females.

Foreign Orders Solicited

S. M. Strickland

Carthage **N. Y.**

Our Senior Sire

Sir Johanna Bess Segis

Sir Bess—as he is known to us—is from one of the most beautiful and highest record long-distance daughters of King Segis Pontiac Count, a cow with a perfect back line and an udder and teats that are above criticism. His sire is Piebe Laura Ollie Homestead King, so that together his sire and the sire of his dam have produced no less than six 20,00 2-year-old heifers.

Well Bred Calves From a Clean Herd Safely Delivered At Modest Prices

One of our earlier sires was Sir Rigtje of Pinehurst, that with but a total of 16 daughters has three above 30 lbs. seven averaging over 30 lbs. and nine averaging 29.33 lbs. He left some magnificent daughters in our herd and from them we have for sale at most nominal prices young bulls sired by Sir Bess. These are just the sort of calves that will increase the yearly production of your herd and the price is within reach of any progressive dairyman.

We are as near to you as your nearest railway express station.

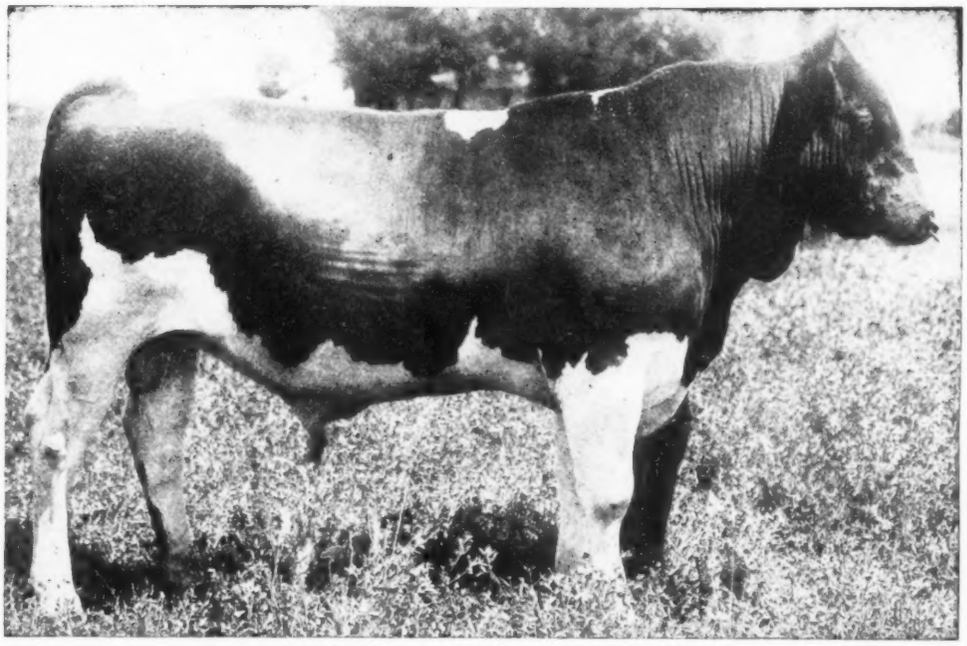
PVR PAHGRE VALLEY RANCH

Uncle Sam Tells Us Our Herd is Clean

MONTROSE, COLO.

The Richest Bred Long Distance Bull—

——Seven Dams Average 1136 lb.



SIR AAGGIE MEAD DE KOL

We hear much these days about persistency, transmitting ability and the many other necessary things that go to make up a great pedigree.

We wonder if you ever considered just how strongly these things are represented in the pedigree of Sir Aaggie Mead De Kol.

For Instance

Six of his seven nearest dams have produced over 1,000 lbs. in a year while the seven average over 1,100 lbs. butter from almost 24,000 lb. milk—that's persistency.

For Instance

Five of his seven nearest dams have produced nine daughters with yearly records that average over 1000 lbs. while seven of his nearest dams and their daughters show an average production of 1089 lb. butter — that's transmitting ability.

When you get into real long time production do not overlook Sir Aaggie Mead De Kol. There is none other that can compare with him.

JOHN ARFMANN (Joint Owners) **C. L. AMOS**

Middletown, N. Y.

A few highly desirable sons of King Segis Pontiac Alcartra from 30-lb. dams.

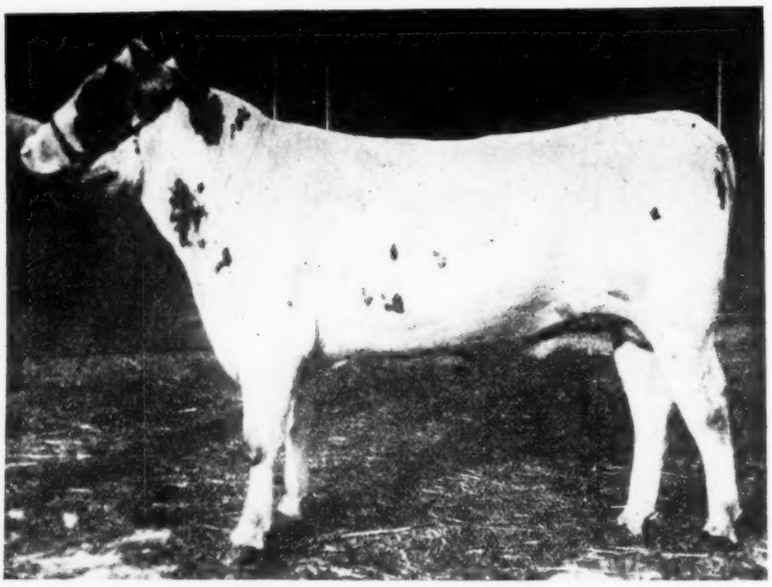
Syracuse, N. Y.

Can offer several high class young bulls from long distance dams, one from an 800-lb. dam by a son of a 1400-lb. cow—also some registered Percheron colts.

KING MUTUAL KORNDYKE 8th

Highest record son of King Mutual Korndyke.

DAM
1313 lb. butter
26246 lb. milk
1 year



SIRE'S DAM
1200 lb. butter
22150 lb. milk
1 year

Exceptional individuality, with great production. His dam, Oak Dale Burke De Kol, has developed from 601 lb. of butter at 2 years to 901 lb. at 4 years and to 1313 lb. at 6 years, with an average of 3.8 per cent fat for the 3 years work. No abnormality here—just a real, year in year out, great producer.

State and Federal Supervision.

FRENCH BROTHERS **Shipman, Ill.**

Sir Hester Aaltje Korndyke No. 267999

THE BULL WE PICK TO HEAD OUR HERD

Why?

Because he has a right to become one of the greatest sires of the breed.

Because of his long list of high record wonderful producing ancestors.

A Son of Hester Aaltje Korndyke No. 133222 winning the world's record with 46.786 lbs. butter in seven days.

A Son of Sir College Cornucopia 2d No. 97432, sire of 13 A. R. O. daughters and a winner of Grand Champion honors wherever shown, and whose dam College Belle Wayne held the world's record for combined butter and milk with 35.375 lbs. butter and 824 lbs. milk in seven days.

This bull will transmit 100 per cent world record blood into your herd. A record equalled by but few and never beat.

We are dispersing our entire herd of Holsteins and this grand individual must be sold. Don't let this opportunity slip by. He will be sold for a song compared to the price he would bring in a sales ring. Write us now for price and pedigree.

WESTKOTA FARM

M. J. SMILEY, Owner **Belle Fourche, S. D.**

YES SIR!

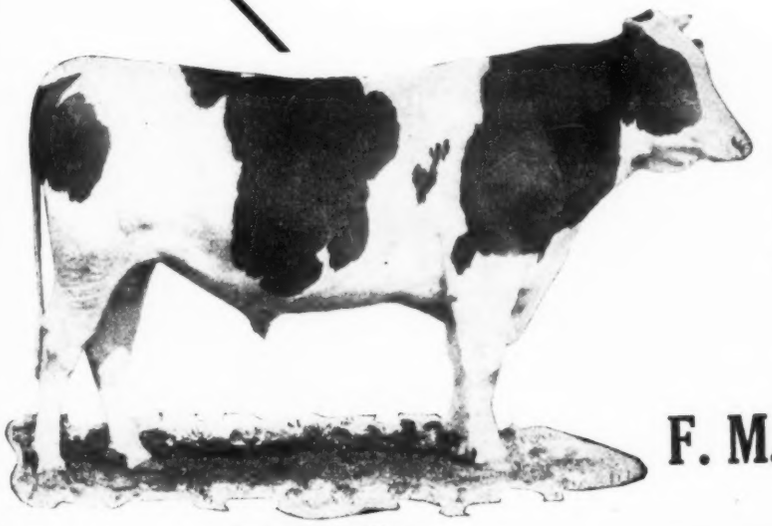
—FIGURES TELL THE STORY—

Twelve 20-lb. 2-yr.-old Daughters for One Sire

Study this List Figure for Yourself

— Sired by SPRING FARM KING —

Glen Alex Queen De Kol 3d, 2½ yrs.	32.78
Milk	601.60
Glen Alex Tietje De Kol, 2 yrs.	27.93
Milk	450.00
S. F. K. Cornucopia America, 2½ yrs.	24.77
Milk	481.90
S. F. Pontiac Pet 2d, 2 yrs. 2 mos.	27.17
Milk	491.70
S. F. K. Pontiac Maid, 3 yrs.	24.20
Milk	440.70
Lotta Pontiac Spring Farm King, 2 yrs. 4 mos.	24.16
Milk	423.20
Spring Farm Ormsby Pontiac, 2 yrs.	23.20
Milk	450.00
Beets De Kol Spring Farm King, 2 yrs.	22.40
Milk	444.30
S. F. K. Pontiac Veeman, 2 yrs.	22.30
Milk	444.00
S. F. K. Orpha Pontiac 2 yrs.	22.10
Milk	440.00
S. F. K. Pontiac Mary, 2 yrs.	21.16
Milk	363.40
Cherryhurst Korndyke Pontiac, 2 yrs.	20.40
Milk	403.70
S. F. K. Pontiac Ormsby, 2 yrs. 5 mos.	20.32
Milk	413.30
S. F. K. Pontiac Orpha, 2½ yrs.	18.75
Milk	425.40
S. F. K. Hartog, 2 yrs.	18.67
Milk	412.40
S. F. K. Maid, 2½ yrs.	18.38
Milk	391.70
S. F. K. May Rosa, 2 yrs.	16.20
Milk	337.00
Average	22.64
Milk	436.1



Spring Farm King

Wouldn't you like a crackerjack son of Spring Farm King from a 34-lb. dam, she from a three-fourths sister to a 36-lb. cow. We have such a calf—a real one for some progressive breeder.

F. M. JONES

Clinton
New York

HEALTH

TRANSMITTING ABILITY

TYPE

CONGRESS LAKE FARMS

Home of KING ONA and the Mighty Elnoradale Family

Offer you your choice of two wonderfully bred

ELNORADALE BULLS

Growthy, ready for immediate service, of dairy type, more black than white, well marked, 87½ per cent the same blood and backed by rivers of milk and butterfat.

SUPERBA PIETJE PAULA KING
Born Feb. 20, 1919

Sire — ELNORADALE PIETJE PAULA KING, whose dam, dam's dam and dam's dam's dam each made over 600 lb. milk in 7 days. (See page 9, Jan. 31st issue).

Dam—Elnoradale Pietje Paula De Kol 2d. Butter 18.16 lb., milk 487.1 lb. at 2½ years. Granddaughter of two 30-lb. cows, one with 915.88 lb. butter, 23,148.6 lb. milk in a year as a three-year-old. World Record when made.

Price $250

SUPERBA KING BURKE
Born Feb. 23, 1919

Sire — ELNORADALE PIETJE PAULA KING, whose FIVE nearest dams, including one two-year-old and one three-year-old average 653.98 lb. milk, 29.65 lb. butter.

Dam—Elnoradale Pietje Burke 2d, butter 17.79 lb., milk 408.7 lb. at 24 months. Her dam 26.51 lb. butter, 601.4 lb. milk. Dam's dam 27.05 lb. butter, 602.8 lb. milk. Dam's dam's dam 30.65 lb. butter 649.3 lb. milk, first two dams as three-year-olds.

Price $250

COME and SEE this wonderful cow family, they are ALL good.

CONGRESS LAKE FARMS

Hartville, Stark Co., Ohio

Owners
G. M. Stadelman, H. B. Stewart
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INDIVIDUALITY

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NORTH STAR HERD

A State and Federal Accredited Herd

FOUNDED UPON INDIVIDUAL QUALITY
COMBINED WITH EXTREME PRODUCTION
AND HEADED BY THAT PROVEN SIRE

Johanna Bonheur Champion

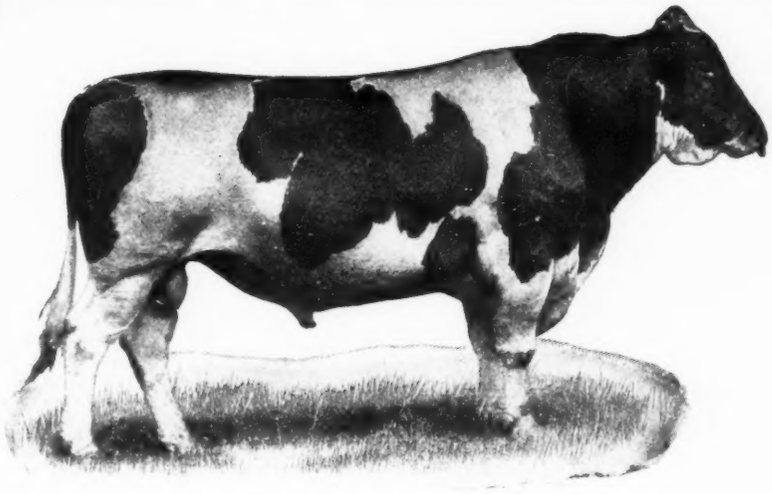
FROM SARCASTIC LAD'S BEST DAUGHTER

We have been called upon to furnish foundation herds for some of the leading Holstein establishments.

Quality Is Always Supreme With Us

Perhaps we have what you want.

W. S. MOSCRIP, Lake Elmo, Minn.



COLANTHA JOHANNA LAD 8th

The only sire with this cross

COLANTHA JOHANNA LAD — PONTIAC KORNDYKE

Colantha Johanna Lad 8th—one of the breed's greatest sires—with his three 30-lb. daughters and his six 600-lb. daughters, with only a limited number tested he stands as one of the best proven sons of his noted sire, Colantha Johanna Lad, and is the only bull in the world by Old Colantha and having for his dam a daughter of Pontiac Korndyke.

A son of this bull from one of the good foundation cows in the Bonalevo herd will increase production very materially and at the same time bring to you that individual quality and smooth finish which every one so much desires.

HERE ARE TWO LEADERS—

Both Ready For Use

1 King Colantha Bonalevo Walker (born Dec. 18, 1918), nicely marked, more black than white. A son of Colantha Johanna Lad 8th (three 30-lb. daughters and 6 600-lb. daughters). His dam, Bonalevo Walker Quality Catharina, that as a three-year-old made 23.30 lbs. butter from 529 lbs. milk after having made better than 20 lbs. as a junior two-year-old. She is by Czar Walker (backed by five 30-lb. dams) from Johanna De Kol Catharina, a 30-lb. daughter of King Quality—the third dam a 23-lb. daughter of Johanna Rue 3d's Lad. The 13 nearest dams of this calf are all officially tested and average over 27 lbs. In the first five generations there appears no less than six 30-lb. dams. Here is a splendid bull for some one at a most modest price.

2 Sir Colantha Pietertje Walker (born Dec. 17, 1918) nicely marked, more black than white, good individual. He is sired by Colantha Johanna Lad from Bonalevo Quality Pietertje Walker, a 17-lb. junior two-year-old daughter of King Quality (three 30-lb. daughters). Second dam a 21-lb. junior two-year-old daughter of Admiral Walker Pietertje with over 700 lbs. in a year. Third dam a 22-lb. four-year-old daughter of Admiral Walker Pietertje.

The 14 nearest dams of this youngster are all officially tested and in the number are no less than four 30-lb. cows.

The price on this bull will surprise you. He will make some one a splendid herd sire.

We have prepared a very attractive catalog listing the young bulls we have at Bonalevo Farms and this we would be glad to send you if you are really interested in the purchase of a high class bull.

BONALEVO FARMS

BATAVIA, N. Y.

R. E. Chapin & Son
Owners

E. E. Poole
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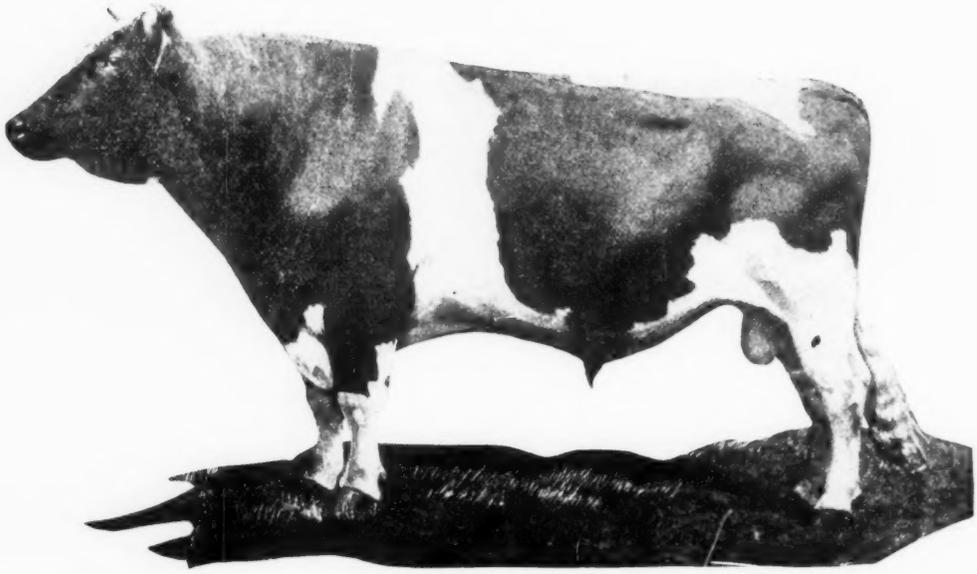
Sir Pietertje Ormsby Mercedes

The Greatest Sire of Yearly Producers



HIS LEADING DAUGHTERS IN THE VARIOUS CLASSES

FULL AGED

	Milk	Butter
Colantha Pietertje Lass	25,000.0	1,250.00*
Bess. Piet. Ormsby Mercedes	29,053.2	1,235.33
Bess Burke Ormsby	26,044.7	1,164.14
Queen Piebe Ormsby Merc.	24,489.1	1,127.36
Miss Minita Ormsby Merc.	24,000.0	1,075.00*
Haidee Fannie Ormsby (307d)	21,860.0	1,000.00*

SENIOR FOUR

Dinah Paul Clo. Ormsby	24,078.1	1,146.01
Queen Piebe Ormsby Merc	24,123.1	1,136.01

JUNIOR FOUR

Queen Piebe Mercedes	30,230.2	1,389.45
Glen Canary De Kol 2d	25,590.6	1,323.36
Bess Johanna Ormsby (305d)	21,308.5	1,043.65
Colantha Pietertje Lass	19,921.8	1,023.68

SENIOR THREE

Queen Ormsby Pietertje	21,302.4	993.21
Aaggie Wayne Peep 2d	19,212.2	803.35

JUNIOR THREE

	Milk	Butter
Chloe Pietertje Ormsby	20,253.2	1,067.88
Queen Piebe Ormsby Merc.	20,286.6	852.08
Colantha Pietertje Lass	18,160.0	942.35
Bess. Piet. Ormsby Merc.	21,245.0	889.90

SENIOR TWO

Queen Piebe Mercedes	20,825.2	980.21
Miss Piet. Col. Ormsby	18,452.9	940.12
Bess Johanna Ormsby	17,801.3	885.70

JUNIOR TWO

Glen Canary De Kol 2d	17,584.2	951.05
Bess Burke Ormsby	17,935.7	856.46
Fytje Pietj. Ormsby Merc	18,431.7	783.35

YEARLING

Belle Hazeltine Ormsby	19,000.0	830.00*
Chloe Pietertje Ormsby	15,783.1	801.13
Heilo Piet. Ormsby Merc.	12,263.2	620.40

(All records in this class world's records when made)
*Official figures not yet received.

E. C. SCHROEDER FARMS

MOORHEAD (Federal Accredited Herd) MINNESOTA

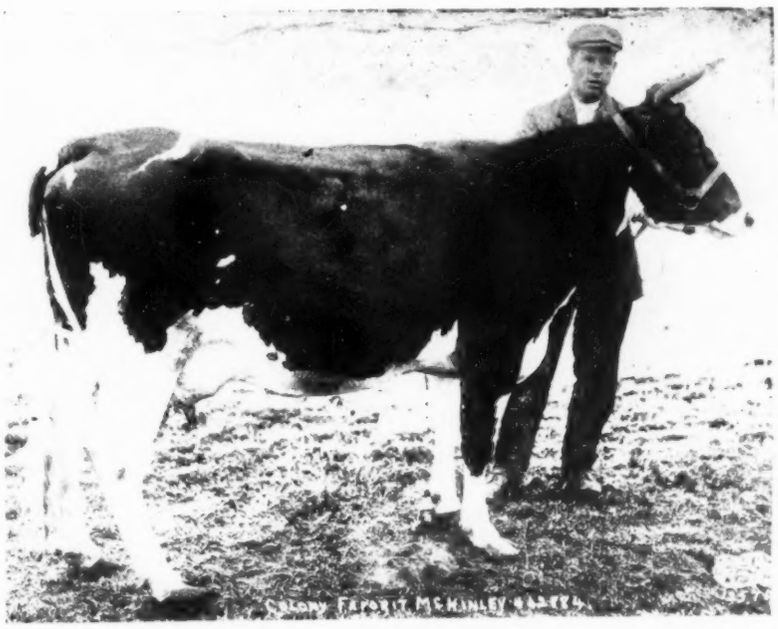
Holstein-Friesian World

Vol. XVII. Lacona, N. Y., and Syracuse, N. Y., March 13, 1920 No. 20

The Canadian Prize List For 1919

By WM. A. PRESCOTT

LIKE her sister association across the border, the Holstein-Friesian Association of Canada was quick to perceive the value of the official test as a means of developing and advertising the breed, and the importance of encouraging official testing in every way possible. Some years ago the Canadian Association adopted the plan then in vogue in the United States, of offering cash prizes for the best official records in each age class of the various divisions. These prizes have proved an effective stimulant to official testing, not so much on account of the intrinsic value of the cash prizes themselves as for the honor which comes to the owner of a Holstein whose name appears on the list of the greatest producers of the year for the Dominion of Canada. For several years now, $1000 has been appropriated annually to be used for prizes in the Record of Merit for short-time tests, five prizes being offered for butter and five for milk in each of the seven age classes of the 7-day division; four prizes for butter and four for milk in each class of the 30-day division; and two prizes each for butter and milk production in each class of the 8-months-after-calving division. The association, very wisely, as we believe, adopted a limitation rule, in accordance with which no one owner is permitted to receive more than one cash prize in each class, although of course the names of the animals thus debarred from the prize money with the names of their owners are published in the prize list in proper place but with a star preceding the name.



COLONY FAFORIT McKINLEY

Won five first prizes and one second for milk and butter production from the Canadian Association. Owned by Colony Farm, Essondale, B. C.

The best Record of Performance (long distance) records are rewarded by prizes to the amount of $560 each year, the money being divided into seven prizes ranging from $5 to $35 each in each of the four age classes—mature, 4-year-old, 3-year-old and 2-year-old, for in long-time tests in Canada the different classes are not divided into senior and junior classes as in short-time tests, but junior 2-year-olds compete with senior 2-year-olds, etc.

According to the annual report for 1919 of Secretary Clemons of the Canadian Association, from which facts and figures in this story are taken, there were made during the year 1919 no less than 1108 tests under Record of Merit rules, and of these 672 were for cows tested for the first time, bringing the total of Record of Merit cows up to 4902. We are likewise told that during the year 183 cows in Canada qualified for the Record of Performance, which means that they not only exceeded the requirements for production in long-time test, but also that they freshened again within fifteen months after the beginning of their yearly test. There are now, according to the report, 1640 cows in the Record of Performance.

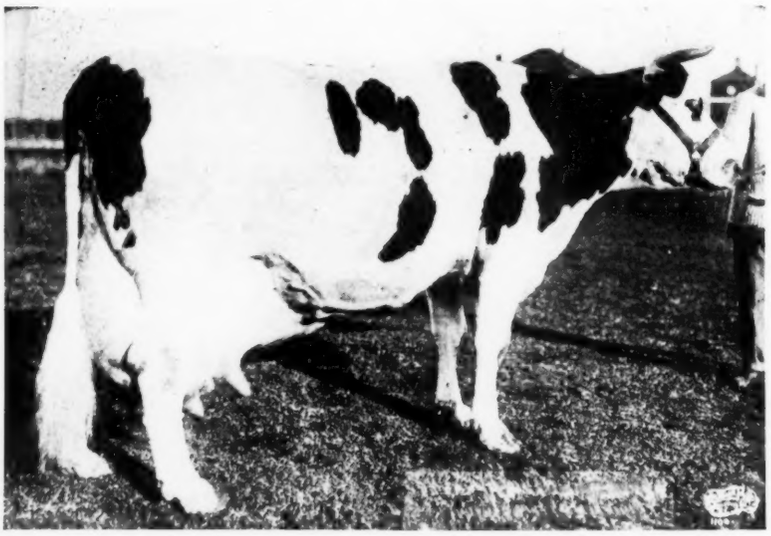
The year 1919 brought out three new Canadian champions in the 7-day division—in the mature, senior 3 and junior 3-year-old classes. In the mature class Rolo Mercena De Kol, with her record of 51.93 lbs., not only became Canada's first 50-lb. cow but broke the world's record, becoming the first 51-lb. cow in the world. As we all know, she also broke the world's 30-day record with 201.17 lbs., becoming the first cow to produce over 200 lbs. butter in a month.

In the senior 3-year-old class, Elva Spofford, broke the Canadian record with 37.86 lbs. in 7 days, and broke the world's record in her class for 30 days with 144.34 lbs. As readers of the World doubtless remember, both Rolo and Elva Spofford made their records for J. B. Hanmer of Norwich, Ont., and were sold by him shortly after making their records to the United States, being purchased in the Philadelphia National Sale by Coldstream Farms, Lexington, Ky.

The third Dominion record to be broken during 1919 was in the junior 3-year-old class, Het Loo Clothilde Korndyke, owned by W. L. Shaw of Newmarket, Ont., making a record of 33.72 lbs., which exceeded the previous best junior 3-year-old record made by Belle Model Pietje by just under one-tenth of a pound.

In the 8-months-after-calving division, the most sensational record of the year was that of Jemima Johanna of

Riverside with 25.23 lbs., owned by W. C. Houck of Chippawa, Ont. She was the first and is as yet the only cow in the Dominion of Canada to make a 25-lb. record eight months after calving, and her yearly record of 1280 lbs. butter from 30373 lbs. milk is the only record in Canada of over 1000 lbs. butterfat to be made from over 30,000 lbs. milk. In fact her butter record is the largest



ZARILDA CLOTHILDE 3d DE KOL

Won second prize from Canadian Association for 7 and 30 days milk production. Better known as Canada's only 33,000-lb. cow. Developed in Canada and recently sold to Bell Farm, Coraopolis, Pa.

ever made in Canada, and her milk record has been exceeded only by that of one cow, Zarilda Clothilde 3d De Kol, who has exceeded her production two different years.

Another Dominion championship in the 8-months-after calving division was annexed by Ägassiz Pietje Korndyke, owned by Director Experimental Farms at Agassiz, B. C. Her record, which was made in the senior 4-year-old class, was 15.72 lbs., her milk record of 306.5 lbs. also winning first for the year, as well as her yearly record of 933.75 lbs.

One of the sensations of the year in Canada was Colony Faforit McKinley, owned by Colony Farm of Essondale, B. C., who, out of six possible prizes won five firsts and one second. Her 7-day butter record of 24.27 lbs. was exceeded by a margin of less than half a pound by one other senior 2-year-old, Trenton Keyes Hermes, owned by D. Raymond of Vaudreuil, Que. Her 7-day milk record, however, of 547.4 lbs. won first prize for the year in her class, as did also her milk and butter records in the 30-day division of 2293.4 lbs. milk containing 100.16 lbs. butter, and her 8-months-after-calving record of 381.9 lbs. milk containing 20.36 lbs. butter. This, by the way, is the only 8-months-after-calving record above 20 lbs. ever made in Canada by a heifer under full age. Not only that, but her yearly record of 1061 lbs. butter from 21569 lbs. milk was completed just too late to be published in the prize list for 1919, or she would have had to her credit another first prize, as this is a largest Canadian record in her class for milk as well as for butter, and being made under strictly official test, is a world's record for strictly official butter production in the senior 2-year-old class.

Colony Faforit McKinley is the only Holstein to take five first prizes in 1919, but there were no less than nine others that won two or more first prizes. The complete list follows:

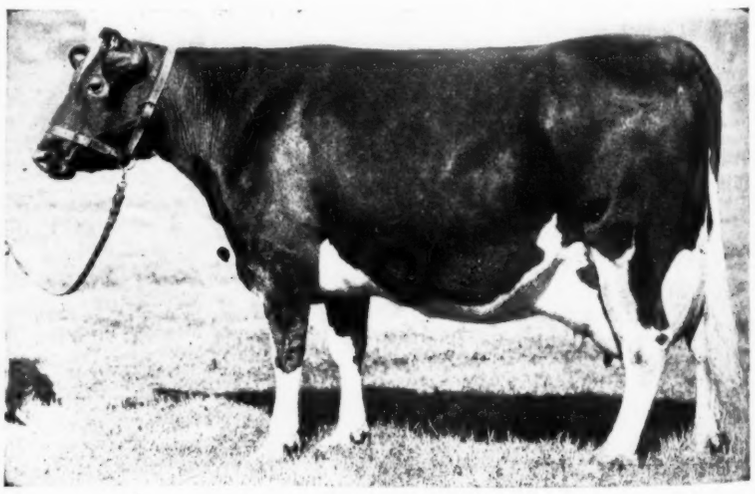
Colony Faforit McKinley	5
Jemima Johanna of Riverside	3
Agassiz Pietje Korndyke	3
Rolo Mercena De Kol	2
Elva Spofford	2
Het Loo Clothilde Korndyke	2
May Echo Sylvia	2
Belle Model Pontiac	2
Johanna Pontiac Segis	2
Bessie Posch Colantha	2

Six of these ten names have already been more or less briefly discussed already in the course of this article. We have, however, omitted the mention of one who is in many respects the most important of all—May Echo Sylvia, the world's greatest milk producer. Her achievement as a perpetual year after year producer of both milk and butter have been featured so often in the World that to most of us May Echo Sylvia seems like one of the family. Elsewhere in this issue appears a special article about this wonderful cow, which, while it does not go into any great detail regarding her performance, concerns itself more particularly with her breeding as being the reason for her producing ability. Her work as a producer is outlined something as follows: In six different lactation periods she has made six 7-day records averaging 34.31 lbs. butter from 823.3 lbs. milk, thereby exceeding a similar average for any other cow in the world by close to 4 lbs. butter, and by considerably over 100 lbs. milk. Cutting out her junior 2-year-old record, we find that her five best 7-day records average 36.92 lbs. butter from 889.1 lbs. milk, and that her four best records average 37.71 lbs. butter from 921.5 lbs. milk—just imagine, four times making milk records averaging over 900 lbs. each! And perhaps more wonderful yet, she has made five different 30-day records averaging 152.43 lbs. butter from 3517.9 lbs. milk, a showing that no other cow in the world even remotely approaches.

We are, however, in the present story, concerning ourselves more particularly with the achievements of the past year. We will call attention, therefore, to the fact that last summer as a 10-year-old cow, she produced 948.9 lbs. milk in 7 days, which is the largest 7-day milk record ever made, except one which she herself made some years ago of over 1000 lbs. Her 30-day record of 3623.7 lbs. milk also won first prize for the year, and her butter records of 35.7 lbs. in 7 days and 148.75 lbs. in 30 days, both stood in third place for the year.

The Men Who Won the Money

It is not the writer's intention to go into too great detail about the many great producers appearing on the prize list for 1919, but only to outline the achievements of a few of the most outstanding producers of the year. The complete prize list will be published at the end of this story, but space limitations make it necessary to omit extended mention of many great producers that really deserve



JEMIMA JOHANNA OF RIVERSIDE

Won three first prizes and annexed three Dominion championships in 1919. Owned by W. C. Houck, Chippawa, Ont.

more consideration. We will, therefore, for the moment turn our attention from the cows that won the money to the breeders who developed them.

The prize money awarded to the makers of short-time records was divided among 39 different breeders, most of them from the Province of Ontario, but including also one from British Columbia, one from Quebec and one from

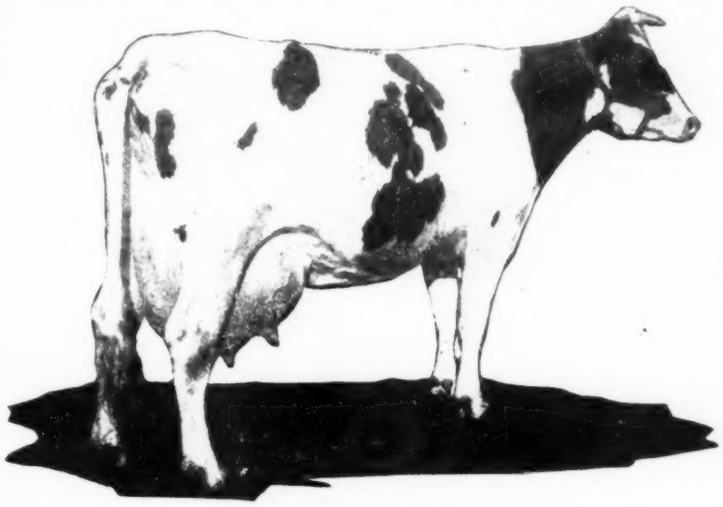
(Continued on page 72.)

May Echo Sylvia—How Does She Get That Way

By WM. A. PRESCOTT

PAGES and pages—I almost said volumes and volumes—have been written about the achievements of May Echo Sylvia, until the Holstein public has become fairly well informed as to what this remarkable cow has done. Probably nearly all of you who read these lines know that she is the only cow in the world to produce over 1,000 lbs. milk in 7 days. Many of you know that she was the first cow to produce over 150 lbs. in a day, and that she is the only cow to average over 128 lbs. milk a day for 100 days, her milk records for all periods from 7 to 100 days, all being world's records. You have all been told many times that she has made four different 7-day records above 35 lbs. butter each and another above 33 lbs. It has often been brought to your attention that her six 7-day records average 823.3 lbs. milk containing 34.31 lbs. butter, both averages being considerably higher than similar averages for any other cow in the world. You have also heard about her five 30-day records, averaging 152 lbs. butter from 3517 lbs. milk, which is over 47 lbs. butter and over 1200 lbs. milk, larger than a similar average for any other cow in the world. You have been told all of these things many times and perhaps some of you have been disposed to wonder how, in the language of the street, she gets that way. What are the contributing factors that make May Echo Sylvia the cow that she is? What is behind her? Have we a right to expect such a performance of her from a study of her ancestors? These are a few of the questions that I am going to try to answer.

I want to discuss with you the female ancestors of May Echo Sylvia, and I am sure that before we finish you will agree with me that May Echo Sylvia comes honestly by her great producing ability. True, she is by far a greater producer than any of her ancestors, but I believe that you will agree with me before we are through that it is the combination of the blood of such a large number of great producing ancestors that makes this great Canadian cow the producer that she is. The breeding of May Echo Sylvia falls naturally into three branches or divisions; or we might say that her pedigree combines the blood of three foundation cows. These three are Alta Posch, Inka Sylvia and May Echo—all three of which rank with the greatest names in Canadian Holstein history. A study of her pedigree shows that the dam, both grandams, two great grandams, and two great great grandams were all animals of outstanding dairy quality, as proven by their own records and by the records of their immediate descendants. It is also true that practically all of the rest of her female ancestors were animals of exceptional dairy quality, although for one reason or another they never had the opportunity to demonstrate this quality in official test.



MAY ECHO SYLVIA

The world's greatest milk producer and one of the most wonderful cows that ever lived.

Let us consider first May Echo Verbelle, the dam of May Echo Sylvia. This great cow made a number of good records, which appear in the Canadian Record of Merit, her best milk record coming when she was 8 years old—her figures being at this time 27.15 lbs. butter from 702.2 lbs. milk in 7 days, and 111.81 lbs. butter from 2587 lbs. milk in 30 days. Freshening again at 10 years old, May Echo Verbelle was able to increase her butter record although falling off slightly on her milk from the preceding year, her 10-year-old record being 29.89 lbs. butter from 660 lbs. milk in 7 days and 116.62 lbs. butter from 2676.4 lbs. milk in 30 days. It will thus be seen that she just failed to enter the then fairly exclusive circle of 30-lb. cows.

May Echo Verbelle has a list of four great producing daughters, headed of course by the 41-lb. May Echo Sylvia, with whose performance you are already familiar. Her second best daughter is Lawncrest May Echo Posch who made her 33-lb. record from 701 lbs. milk and averaged over 100 lbs. milk a day for 30 days in official test. Another good daughter is May Echo Keyes with 28.18 lbs. butter from 663.5 lbs. milk, her best day's milk being just under 100 lbs. The fourth daughter, May Echo Darkness made her 25-lb. record from 524.5 lbs. milk; so we see that the four daughters of May Echo Verbelle have records from 25 to 41 lbs. butter and from 524 to 1,000 lbs. milk, the four averaging 31.99 lbs. butter from 713.5 lbs. milk.

The maternal grandam, May Echo, was one of the makers of Holstein history in Canada. She made her 31-lb. record at a time when very few cows in Canada had accomplished that feat, and her milk record of 726.6 lbs. in 7 days was the second highest in the Dominion at the time it was made. For a time she held the Canadian Championship in the eight months after calving division with 13.4 lbs. butter from 355.5 lbs. milk, and finished her year with 1042.05 lbs. butter from 23,707 lbs. milk, this being the first 1,000-lb. record in Canada, as well as the first milk record above 23,000 lbs. Her daughters include, besides May Echo Verbelle, already mentioned, Lawncrest May Echo with 26.59 lbs. from 536.3 lbs. milk, milking 105 lbs. her best day; and Riverdale May Echo Lyons, with a junior 4-year-old record of 24.58 lbs. butter from 517.7 lbs. milk. Three of her sons have made good as sires of officially tested daughters.

May Echo, May Echo Verbelle, and May Echo Sylvia form the world's greatest combination of three direct generations of milk producers, each of the three producing over 700 lbs. milk in a week. May Echo produced 100 lbs. milk in a day and had two daughters that produced over 100 lbs. in a day, and the same thing may be said of May Echo Verbelle. With two such cows as May Echo Verbelle and May Echo for her first and second dams, May Echo Sylvia could hardly fail to prove to be a great producer, even if there was nothing else behind her.

Turning to the other side of the pedigree of May Echo Sylvia, we find that her paternal grandam was Inka Sylvia De Kol, with a record of 26.04 lbs. butter from 605.7 lbs. milk. Her list of three tested daughters include Inka Sylvia Maida with a record of 679.1 lbs. milk containing over 25 lbs. butter, and right here we want to call attention to the great number of milk records above 600 lbs., that have been made by members of this family. Her son, Inka Sylvia Beets Posch, the sire of May Echo Sylvia, has a list of over 30 tested daughters, of which three have milk records above 700 lbs. in 7 days and five more above 600 lbs. Only one of his mature daughters has a record of less than 500 lbs., and one of his 2-year-old daughters has 555 lbs. milk containing 21.86 lbs. butter.

The next generation back, we have Inka Sylvia, the dam of Inka Sylvia De Kol just described. She was the first Canadian animal to be officially tested, making at barely 2 years old, a record of 10.92 lbs. butter from over 300 lbs. milk. The next year, 1897, freshening as a junior 3-year-old, she broke the world's record for both milk and butter with a production of 568.2 lbs. milk containing 21.95 lbs. butter.

Her largest record daughter is Inka Sylvia 6th (29.05 lbs.), who at the time she made her record was said to be the youngest cow in Canada to produce over 100 lbs. milk in a day in official test. Inka Sylvia 6th herself has several good daughters with records up to 27.05 lbs.

Still another great grandam is Verbelle 4th, with a junior 2-year-old record of 16.7 lbs. While this is not an exceptionally large record, we are informed that Verbelle

4th was a great dairy cow and producer, and it is certainly true that she is the dam of some good daughters, although her largest record daughter has only 22 lbs. butter. The record was made however from 563 lbs. milk, or an average of over 80 lbs. a day for the week which is not at all to be sneeder at.

Going back still further to the great great grandams, we find Carmen Sylvia, the dam of Inka Sylvia, already described. This great cow was one of the foundation animals in the famous Gilroy herd in Canada, and was the winner of the $150 prize in the Butter Fat Contest at the Toronto Fair—all breeds competing. Mr. Gilroy is responsible for the statement that up to the time she was 14 years old, either Carmen Sylvia or her daughter, Inka Sylvia, was female champion at the Central Canada Exposition at Ottawa every year. She exerted a great influence upon the history of the breed, as she was a regular breeder and dropped her last calf at the age of 17 years.

MAY ECHO VERBELLE

The only cow in the world to have four daughters with milk records above 600 lbs. each. She is dam of May Echo Sylvia.

And last but by no means least, we must consider another great great grandam—Alta Posch, one of Canada's very greatest animals, and perhaps the most famous progenitor of May Echo Sylvia. Alta Posch freshened the first time at 23 months old, making her record of 16 lbs. 3.4 oz. of butter from 323.5 lbs. milk, a record which stood as the highest yearling record in the world for the next three years. At this time there was only one other heifer, under 3 years old, that had surpassed these figures. Freshening for the second time in senior 2-year-old form, she broke the world's record in her class for butter as well as for milk, with 27.08 lbs. butter from 586.2 lbs. milk, the butter record standing as the world's record in her class for the next eight years, and the milk record for nine years. No other heifer in her class surpassed her performance for milk and for butter also until thirteen years later. At the time her record was made, only two other cows of any age had exceeded her butter production, one of them a mature cow and the other a 4-year-old. Likewise, at that time her milk record was the third largest ever made by a heifer under full age. If you will refer to the World of May 17th, you will see where I have shown that a goodly percentage of the great producers in Canada, and many great producers in the United States, either trace to or come largely from the same breeding as Alta Posch.

From the foregoing it is easy to see from what May Echo Sylvia derives her greatness. A great producing daughter of Inka Sylvia was bred to a splendid grandson of Alta Posch to produce May Echo Sylvia's sire. This bull was mated with the best daughter of May Echo, and the result was only what might be expected from the linking-up of these great lines of breeding—May Echo Sylvia, the World's Champion Year After Year Milk and Butter Producer of the World.

W. A. P.

The May Echo Family

	Milk.	Butter.
MAY ECHO	726.60	31.34
1. **Lawncrest May Echo**	635.40	26.59
2. **May Echo Pietertje** 4y	11720.	447.80
1. Lawncrest Pietertje De Kol. 4y	467.0	20.52
3. **May Echo Verbelle**	702.0	29.89
1. Lawncrest May Echo Posch	701.0	33.78
1. Lawncrest May Echo Queen	559.0	30.34
2. Lawn. May Echo Twice 4y	473.80	21.83
1. May Echo Lyons Twice	520.0	26.57
3. May Echo Lyons Posch. 2y	362.0	15.37
2. May Echo Darkness	603.70	25.09
1. Lawncrest Rosa Posch ..3y	477.4	19.07
1. May Echo Posch..... 4y	611.4	26.79
	24,458.	1008.
2. May Echo De Kol 2½y	490.9	21.22
3. May Echo Model 3y	641.1	26.42
3. May Echo Keyes	663.2	28.18
1. Inka Verbelle Beets Posch	8485.0	328.75
2. Lawncrest Echo Posch	653.2	28.85
1. Amelia Echo Posch	529.40	22.72
3. May Echo Keyes De Kol 2y	446.7	15.97
4. May Echo Sylvia	1005.	41.00
	3767.	169.72
1. May Sylvia Pietje 2y	453.	21.00
2. May Echo Pontiac		
1. May Echo Pontiac 2d 2y	504.7	22.45
2. Echo Sylvia Clyde ..2½y	323.6	18.38
4. **Riverdale May Echo Segis**	600.	27.00

Capon Purpose

We know a joke about why the chicken crossed the road. But we won't pullet.—California Wampus.

Farmer's Viewpoint of the Milk Situation

Mrs. John W. Crowell, of King's Hill, Walden, N. Y., former president of the Walden Woman's Club, one of the active federated clubs in the Ninth District, has most contributed the following article on the milk situation of today, which has been published by The New York Sun, Albany Journal, and other city dailies. Mrs. Crowell's husband is actively engaged in dairy farming and the raising of full blooded Holstein cattle, and Mrs. Crowell is keenly interested in the subject as is shown. She says in part:

I am glad, through the courtesy of your paper, to give some facts relative to the milk situation for the intelligent and up-to-date men and women of our large cities to read. This message is direct from producer to consumer, thereby eliminating the middle man.

Our farmers of today are very well organized, due to the efforts of the Grange, Dairymen's League and Farm Bureau. They are, and have been, anxious to do their bit to win the war. Who can deny it? It has always been a matter of regret that they were forced to strike so that they might receive what their product (milk) was worth. The big milk companies in New York forced the issue, for our men of the League had begged for an amiable settlement for hours but with no results. The big milk companies had reigned so long it was hard for them to believe the farmers were really organized and going to demand fair play. However, as a farmer's wife, I can assure you we did not relish the idea of making butter, etc., but would do anything to uphold the dignity of our husbands' business. The high cost of milk cannot be solved through the farmer alone when the wholesaler and retailer are receiving more for distributing the milk than the farmer is receiving, who must buy or rent his farm, equip same and produce the article. At the present cost of production there is very little margin left. If the farmer is tormented by state politicians and does not have a fair profit, will he not naturally go out of business and seek other employment? What then will become of the babies and sick people in our big cities? All physicians agree that milk is the ideal food, especially for children. We only have to read the reports from war stricken countries where children are denied the use of milk to realize what suffering lack of production of such a staple food could bring. After our losses in the late war, is not our future generation worth saving? Then, since we have National Prohibition, is it not the time to boost milk and its by-product as a food and drink? The men in the cities, after a hard day's work, want something to drink, and would it not be better to drink milk than wood alcohol? Methinks milk would increase their efficiency, both mentally and physically.

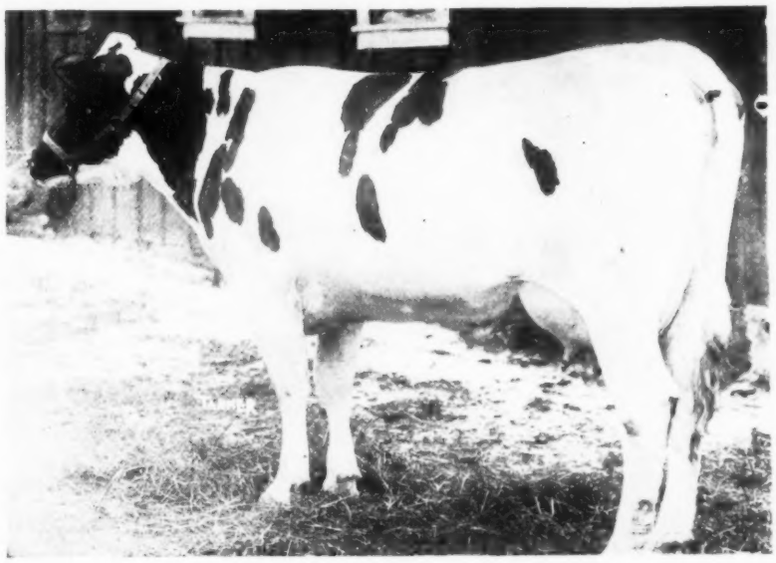
I cannot understand Governor Smith's attitude toward the farmer on the milk question. Last fall he showed such keen interest in the Woman's Land Army in our vicinity.

(Continued on page 126.)

Picture Gallery

Iowa State Champion 2-Year-Old

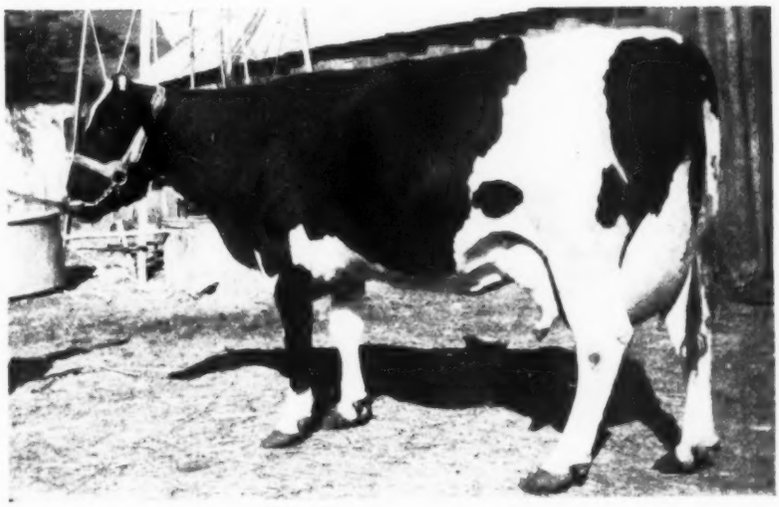
Nirvana Korndyke Ormsby Fobes, the beautiful white heifer shown here, recently broke the Iowa state record in the junior 2-year-old class, by producing 26.97 lbs. butter in 7 days. Her best day's milk was 72.9 lbs. her 7 days' production being 473.6 lbs. This remarkable record was made at the tender age of 2 years, 17 days. She comes honestly by her great producing ability, being a daughter of Korndyke Ormsby Fobes, who has a junior 4-year-old record of 37.63 lbs. butter from 601.1 lbs. milk, and a cow testing association record of 980 lbs. butter from 21061 lbs. for her 4-year-old lactation period. The heifer's sire is Diotime Clyde Cornucopia Lad, who is a son of Aaggie Cornucopia Johanna Lad 7th, from a dam with a yearly record of 701.53 lbs. She was bred and is owned by Charles H. Smith of Tripoli, Ia.



NIRVANA KORNDYKE ORMSBY FOBES

A Kansas State Champion

Kansas Holsteins have made many large milk records, but they are just beginning to break into the 30-lb. for butter production. A few weeks ago we reported in the World the record of Pearl Korndyke Burke who has recently made a record of 30.54 lbs. butter from 568.9 lbs. milk, the butter record being the largest ever made in the state. She displaces as state champion, the first 30-lb. cow in Kansas, Queen Easle Korndyke Hengerveld, who made her record of 30.22 lbs. about a year ago for the United States Disciplinary Barracks. The latter, however, made her record as a junior 4-year-old and still holds the state championship in this class. The new champion had never been on official test before making her 30-lb. record. She is the daughter of Sir Korndyke Rachel Segis, who is a grandson of King Segis, and her dam, Pearl Cornucopia Burke, a 17-lb. 3-year-old, is a daughter of Sir Urmagel Burke. She was bred by F. L. Freeborn, New Woodstock, N. Y., but has been owned for some time in Kansas. Her present owner being Stubbs Farm at Mulvane, where she made her record.

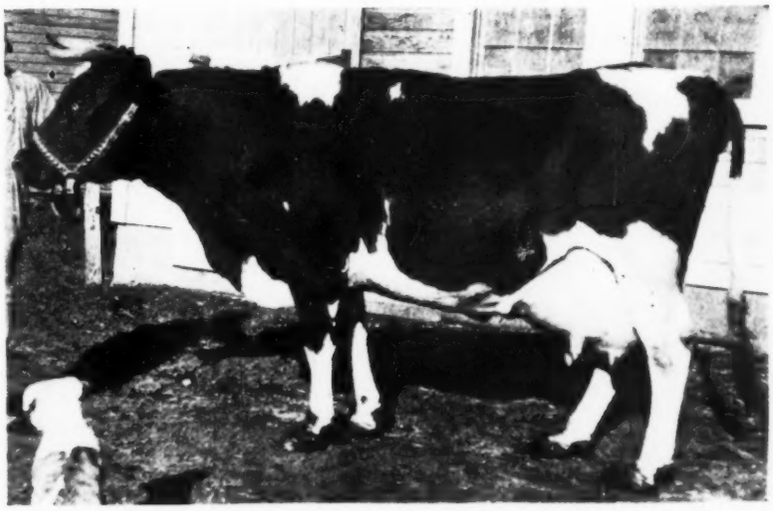


PEARL KORNDYKE BURKE

25-Lbs. Under Difficulty

Those who read of 35 and 40-lb. records, and get the idea that any old scrub can go out and make 25-lb. records, have a lot to learn about the testing game. Aaggie Perfection 2d, certainly deserves a lot of credit for making a 25-lb. record, especially considering the handicap under which she labored. Freshening at the advanced age of 12 years, in splendid

(Continued on page 32.)



AAGGIE PERFECTION 2d

Holstein-Friesian World

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March 13, 1920

Importance of the Farm Market

WE hear a great deal of talk about our foreign trade, and the effect of exports on the market, etc. The figures show, however, that for 1919 our domestic agricultural export amounted to $3,583,000,000, or 14.3% of the estimated farm production of $24,982,000,000. It is estimated that the value of manufactures for 1919 will amount to $50,000,000,000, while the exports during that period amounted to $3,337,000,000, or about 6.7 per cent of production. These figures show pretty conclusively that our export trade, important as it is, is a minor factor in American industrial life, and that the major factor is the domestic market. Charles Parlin, who is manager of the division of Commercial Research for the Curtis Publishing Company, has gotten together in booklet form some "Basic Facts of Prosperity in 1920." Important among these basic facts he rates the growing importance of the farm as a market place for our goods. In fact, he makes the statement that the greatest of all the domestic markets is the farm market, pointing out that approximately one-third of the population lives on the farm, and that if we add to this the number of persons living in cities and villages of less than 5,000 population, the total becomes considerably more than half the population of the United States. The earnings on the farms have increased from $1,500,000,000 in 1879, to approximately sixteen billion dollars in 1917, and still higher figures for 1918 and 1919. The figures show that in each of the past three years, the gross earnings of the farms of the United States were more than double the amount of any year before the war. The increase in the value of farm property is an important factor in this matter of the strength of the farm market. Attention is called to the fact that in 1910, the values used in the industry of farming exceeded the capital invested in all manufacturing industries of the United States plus the capital invested in all American railways, plus the capital invested in American mines and quarries. Authentic figures for 1920 are not yet available, but on the basis of the Government estimate of $85,000,000,000 for the value of farm property, with the total capitalization of forty billion dollars for the manufacturing industry in the country, the industry of farming in 1920 will not only have maintained its dominance but increased its percentage.

On the subject of permanent farm prosperity, Mr. Parlin says—"Farming is not only the largest industry—it is the basic one, and in the past three years this industry has risen to a new plane of earning and spending power. Since 1900, population has been increasing more rapidly than acreage of improved land, and city population has increased more rapidly than rural. More intensive cultivation and the use of poorer lands are necessary to produce the increased amount of food required by our population. Both of these measures ultimately mean more expensive production and therefore higher prices. Under these conditions it seems to us unlikely that food prices will return to a pre-war level and farming seems to have moved permanently to a higher level of earning and spending power." Continuing on this same subject of the higher level of agriculture today, Mr. Parlin says: "The many influences that are increasing the earning power of the farm are doing another thing quite as important—they are cultivating the taste of the farmer for better merchandise. The automobile has transformed farm life. It has broadened the farmer's acquaintance from a radius of seven miles to a radius of thirty miles. It has made the farmer and his family a part of the civic and social life of the nearby city and, what is also important, it has made it easy for city residents to visit their friends on the farm. Education is also a transforming influence on the farm. The sons and daughters are going to city schools and colleges more than ever before. Education is increasing the efficiency of farming and raising the standard of living so that a larger proportion of farm homes have thoroughly modern equipment and conveniences."

After proceeding thus far with the study of conditions, the question naturally suggests itself to us: "How do these conditions affect the Holstein breeder?" In the first place, as a better than average farmer, the Holstein breeder comes in for more than the average share of this farm prosperity. We believe that it is almost universally true that the breeders of Holsteins are not only the most prosperous members of their farming community, but they are also numbered among the most progressive, occupying positions of leadership in their communities. Through their purchases of improved machinery, and equipment for carrying on the work of the farm, and the herd, and household more efficiently, and with greater comfort, they are establishing new standards which their neighbors are inspired to secure when they have seen how well they work out in actual practice. So far as the Holstein market itself is concerned, it is unquestioned but that the greatest factor in the extension of the Holstein industry makes itself felt in exactly this same way, i. e., by actual demonstration of superiority of the Holstein cow as a dairy producer in the community where the prospective purchaser lives and can make his own observations. As dairy education increases, we are bound to have a constantly growing demand for purebred dairy cattle, and the fact that our farming population is more prosperous and has more ready money than ever before, can hardly fail to work out in a stronger demand for purebred Holsteins than we have ever experienced in the past. It is always easier to sell something to a man when he has the ready money to pay for it, and dairymen are no exception as a general rule. However, in case of unfavorable business conditions, and tight money, we do not believe that breeders of Holsteins would have need to worry particularly for the reason that under those conditions, purebred Holstein blood would be an economic necessity for a good many men who are now, under the present favorable conditions, getting by without it. It would simply be necessary to use a little stronger campaign of education to extend the Holstein market. Under present conditions of business, nothing under the sun can keep the demand for Holsteins anywhere within the limits of the supply.

A Powerful Influence

NEW YORK, Wisconsin, Ohio, Minnesota, Illinois and Iowa, now have salaried field secretaries who are devoting all their time to the interests of the Holstein breeders of those states. Michigan is practically ready to be listed with the other six. Minnesota is thus far pointing out the way in the matter of actual results. This was to be expected because Minnesota was the first to have a real active man in charge, and although Minnesota ranks only sixth in size as a Holstein state, their state association has been so active and has proven to be such a sound profitable investment for the breeders of the state, that it has been necessary to add first one assistant to the secretary, and now recently a second assistant. This development is a perfectly logical outgrowth and may be expected in all of the larger Holstein states. No organization of this nature can stand still—it must either go ahead or slip back, and in the case of the larger Holstein states at least, it will be a physical impossibility for one man alone to deliver the kind of service which the breeders of those states have the right to expect. However, it would be a waste of money to build up a big organization, or even any organization at all, without adopting a program of projects to be undertaken. The development of this idea of state organization, and the fact that there will be seven states

actively engaged in pushing their own interests, and others to follow along in the near future, suggests the importance of some method of co-ordinating the work in the several states so that the different organizations will not be working at cross purposes. It will of course be apparent to every state organization that their work must be constructive, and that they must under no circumstances endeavor to build up their trade from their own state by attempting to tear down somewhere else. The Holstein industry is a national institution and the progress and the prosperity of the breed is in no sense a local question. No state is big enough to stand on its own feet alone, so that in the last analysis, it is to the interest of every state organization to have a national outlook on the business and consider every move they make from the standpoint of the national welfare as well as the welfare of their own state. We believe it lies entirely within the province of the National Association to devote considerable attention to the work of co-ordinating the efforts of the state associations, and perhaps constituting itself a sort of clearing house of ideas so that the things that work well in one state may be given an opportunity to function in other states, while any projects that have failed to pan out as expected may be avoided in other cases. In other words, the national association as the parent organization, should keep always in close touch with the work of its children, financially independent even though they be, because five years from now we shall find ourselves considerably farther ahead if we carry on that work with full knowledge of what the other fellow is doing and all working along constructive lines with complete co-operation for the same end.

Getting Sale Reports

WHY is it such a job to get sale secretaries to send in reports for publication? That is a question we have never been able to answer to our own satisfaction because it has always seemed to us that the report of the sale was one of the important parts of the publicity in relation to it, especially in the case of a sale event that is one in a series. There is a trite old saying that "nothing succeeds like success," and that being the case nothing will do more to build your reputation with the Holstein public at large than to present the figures of a successful sale. From the standpoint of the public, complete information concerning the sales of Holsteins is important as showing the trend of the market. But in spite of all these arguments and considerations, it is only by constant effort on our part, by telegraph and letter, that we are able to get even a respectable proportion of the sales reported. This is a condition that ought not to exist, but it does exist and the strange thing about it is that while our breeders and sale managers apparently are coming to a more complete realization of the importance and necessity for liberal advertising and publicity, there is no noticeable improvement in this question of taking care of the important publicity following the sale. In sending in sale reports, it should be constantly kept in mind that any publication, particularly in the every-week class, can provide much more space to reports that have news value, i. e., to reports that are sent in reasonably soon after the sale is held. This business of sending in sale reports two months or so after the sale has been held, is all right from the standpoint of keeping the records straight for the year, but the publication of such a belated report could hardly be called a newspaper "scoop." If someone can tell us how to solve this problem of getting the sale reports in promptly, the editorial department will vote unanimously in favor of awarding a medal for distinguished service. When you write, however, be sure to include some items of news concerning the happenings in your own herd.

The Cover

WE are pleased to honor with the cover position this week, that splendid transmitting sire, King Pontiac Champion. In many respects, his record of achievement is unique, and he is rapidly compiling a list of record daughters that is placing him in a very distinctive class. Not only are his daughters excelling in making 30-lb. records, but they are piling up a constantly increasng total of milk records above 600 and 700 lbs. in a week, and are doing at least proportionately as well in long-time tests. Almost every week comes a report of another 30-lb. record for his daughters, no less than three or four having entered the list for the second or third time during the past few weeks. King Pontiac Champion is the only century sire whose sire and grandsire are also in the century class. His sire is King of the Pontiacs and his dam, the 31-lb. cow, Maid Mutual De Kol, a daughter of De Kol 2d's Mutual Paul, was the first 31-lb. cow of the breed to have a 25-lb. dam. King Pontiac Champion has spent the greater part of his life right in his present location at the head of the herd at Pabst Stock Farm, Oconomowoc, Wis.

CLUB NOTES

Calendar of Conventions and Meetings

April 22—Wellsboro, Pa., annual meeting Tioga County Holstein Breeders' Association.

(Secretaries of breeders clubs are cordially invited to make use of this department in keeping their organizations before the public. Send us the dates of your meetings for advance publication in the Calendar, and a complete report as soon as possible afterwards. This service is entirely gratis.)

THE SECRETARY'S WEEKLY REPORT

During the fortnight ending February 28, 224 applications for membership were received at the office of the secretary. During the same period, 4662 certificates of registry were issued, 3261 females, 1401 males; 5141 certificates of transfer were written, 3651 females, 1490 males.

F. L. Houghton, Secretary.

DELAWARE ASSOCIATION HOLDS MEETING AT WINTERTHUR FARMS

The first of the winter meetings of the Delaware Holstein-Friesian Association was held at Winterthur Farms on January 27th.

About 65 members and visitors attended this meeting one of the main features of which was an address by C. P. Hibbard, Lutherville, Md.

Mr. Hibbard spoke on the importance of the tuberculin test and brought out in a very interesting way many of the experiences of Maryland Holstein Association of which Mr. Hibbard is secretary.

In Mr. Hibbard's opinion it is useless for a dairyman to take up the breeding of registered cattle unless he is in a position to know very definitely whether or not his herd is free from tuberculosis.

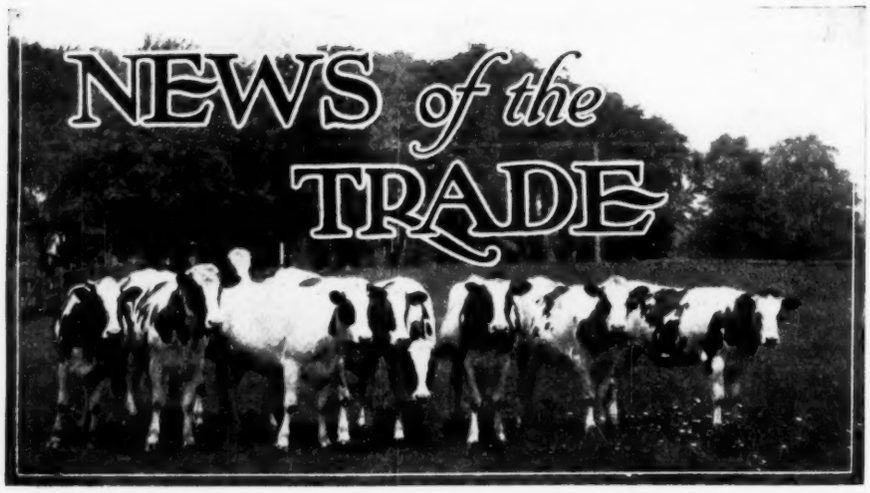
Prof. T. A. Baker of the Delaware College at Newark, Del. was the next speaker. Prof. Baker emphasized the necessity of cattle owners giving careful attention to the matter of grains for their dairy cattle.

R. O. Bausman, county agent for New Castle county gave a brief talk on the importance of using a pure bred sire. The speaker stated that according to statistics only 8 per cent of the bulls in use in New Castle county were pure bred. In Mr. Bausman's opinion a much better income could be obtained from the dairy farms in the state of Delaware if more attention was given to the breeding of the sire.

The President of the Association, D. O. Hastings who presided at the meeting said the records showed that the association had made considerable progress in the past year as there are now close to 100 members and the outlook for more and better Holstein cattle in Delaware was very encouraging.

Considerable time was spent by all present in looking

(Continued on page 30.)



Holsteins Clean Up in Jersey Stronghold

The February report of the Canfield, Ohio, Cow Testing Association is a great triumph for the Holstein breed. Out of the ten highest milk producers for the month, the nine leaders, or all producing above 1500 lbs., are pure bred or grade Holsteins, while seven of the ten leaders for butterfat production including the animals in first and second place, are pure bred or grade Holsteins. One of these records above 70 lbs. of fat, was made by a pure bred Holstein in 22 days, competing with the full month for the other cows. The highest average for an entire herd in the association was also held by the Holstein herd of C. E. Bowman & Son, 14 cows milking 1242 lbs. with an average fat production of 46.3 lbs. That it requires good cows to win in this association is shown in this report, where one Jersey 4-year-old in the association has broken the state record for Jerseys of her age in Ohio. All herds in this association are headed by pure bred sires. Of the 201 cows tested during the month of February, 32 produced over 40 lbs. of fat, while 9, all Holsteins, produced over 1500 lbs. milk. The average production of milk in the association was 678 lbs. with a fat average of 30.5 lbs. W. E. Pew is serving as tester.

North Carolina Holstein Interest Growing

It has been interesting to watch the dairy and Holstein development of North Carolina since the trip which Peter Small and Troland Cleare of the National Extension Service, made a few years ago. This trip is called to mind particularly by a news report from Asheville, N. C., just received. This report tells of the shipment of a carload of pure bred and grade Holsteins from Wisconsin, the entire shipment of 22 head to be taken by S. C. Satterthwaite, Jr., of Waynesville, P. J. Howell, Waynesville, and J. B. Dillingham of Democrat. These animals were purchased through D. Reeves Noland, special agent in dairy manufacturing, who states that there is a growing interest in dairying in all of the Western counties of North Carolina. This shipment will make a total of 513 head of Holsteins that have been shipped into the Asheville district in the last year and a half.

Canada Cow Makes Third Large Record

The report of official tests sent out by the Holstein-Friesian Association of Canada covering tests for February 1-15, 1920, includes the name of Korndyke Queen De Kol 6th, owned by D. Raymond of Vaudreuil, Que., giving her record at the age of 9 years as 31.64 lbs. butter from 787.9 lbs. milk in 7 days, and 130.87 lbs. butter from 3169 lbs. milk in 30 days. The most remarkable thing about this record is that it is her third record above 31 lbs. butter, and her third over 718 lbs. milk in 7 days. It is likewise her third record above 130 lbs. butter and above 3099 lbs. milk in 30 days. Her three records, made at the ages of 9, 8 and 6½ years, average as follows:

Butter 7 days	34.66
Milk	762.8
Butter 30 days	142.34
Milk	3136.0

She has made four records that average 32.8 lbs. butter from 720.7 lbs. milk, and 5 that average 29.84 lbs. butter from 664.3 lbs. milk.

The best record of Korndyke Queen De Kol 6th, for milk productioin, was the one she has just made, 787.9 lbs. in 7 days and 3169 lbs. in 30 days. Her best butter record, however, was made a little over a year ago, which was 37.26 lbs. in 7 days and 150.95 lbs. in 30 days, her corresponding milk production for those periods being 781.5 and 3099 lbs. As a 6-year-old, she made a 35-lb. record of 718 lbs. milk in 7 days, and in 30 days had 145.3 lbs. from 3140 lbs. milk. She is one of the greatest and most consistent producers in Canada, and is the best daughter of Korndyke Queen De Kol, who is generally considered to be the best daughter of the old foundation cow, Belle Korndyke.

New Jersey Breeders Getting Great Start

Three cows that produced over 100 lbs. milk each in a day on official test, and two with 30-lb. butter records, stand to the credit of William M. Moore of Woodstown, N. J., as a result of one year's effort in breeding Holsteins. According to a letter just received from Mr. Moore's herdsman and manager, I. Kaskin, the Holstein herd was established at Westview Farm only a year ago, and during that year the best short-time records ever made in southern New Jersey have been hung up. The best of these is that of K. H. Katherine, who produced 105.2 lbs. milk in a day, her record for the week being 30.38 lbs. butter from 688.1 lbs. milk. The other 30-lb. cow is Daphne Hengerveld 2d, with 30.1 lbs. butter from 676.9 lbs. milk, her best day's milk being 102.6 lbs. The third cow to produce over 100 lbs. in a day is Pietertje Hengerveld Beauty Daisy with 26.06 lbs. butter from 618.7 lbs. milk. She produced 108.7 lbs. milk in a day and averaged over 92 lbs. a day for 30 days on official test. Another good one, although not quite so sensational, is Kelco Edith Pontiac, with 21.5 lbs. butter from 521.8 lbs. milk, and another is Elnora Lyons, with a 4-year-old record of 21.14 lbs. butter from 537.7 lbs. milk. Evaline Mechthilde 2d produced 463.1 lbs. milk containing 20.1 lbs. butter, and an old 14-year-old cow, Julia Mechthilde De Kol, made a record of 16.9 lbs. butter from 405.5 lbs. milk. Still another good one is Irma Wolfspring De Kol, with a record at barely 2 years old of 16.5 lbs. butter from 391.2 lbs. milk. Mr. Kaskin sends in these records in the hope, as he says, that they will serve as encouragement to other beginners in the breeding and testing game.

Ogden Forming Heifer Club

A purebred Holstein Heifer Club is being formed at Ogden, Utah, through the activity of A. J. Taylor, county leader of the boys' club. It is planned to put in heifers costing $150 each with an initial payment of $50 for each heifer, the balance to be paid by installments through a plan now being worked out by Mr. Taylor.

Breaks County Record

A Holstein cow owned by J. D. McDonald of West Salem, Wis., has broken the records for that county with a production of 526 lbs. milk containing 28.05 lbs. butter in seven days.

Tidy Abbekerk Prince a Century Sire

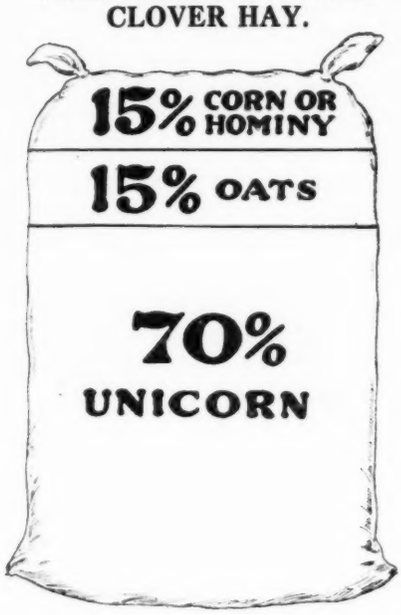
Henry Lathrop & Sons, Sherburne, N. Y., report that they have recently completed records on nine of the young daughters of Tidy Abbekerk Prince bred in their herd. With the 91 A. R. O. daughters listed in Volume 30 of the Blue Book, Tidy Abbekerk Prince now ranks as a century sire with an even 100 daughters. In this number are 9 30-lb. cows and a number with very creditable yearly records up to over 1200 lbs. butter. Tidy Abbekerk Prince, during the greater part of his life, was used in small herds and no organized effort was made to give his daughters an opportunity to be tested at their best. His record is therefore a truly remarkable one and we are planning to make it the subject of more extended comment in an early issue.

Holstein Grades Average $186

At Centralia, Wash., February 17, 15 grade Holstein cows were sold at public auction by L. A. Stahl for an average price of $186 per head, the top price for the sale being $255.

PERFORMANCE PROFITS OR PAPER PROMISES

FEED THIS WAY WITH CLOVER HAY.



NOTE

¶ For those who do not raise corn and oats, we recommend our Centaur Feed, made of corn, oats, oilmeal and bran.

BOSTON OFFICE
131 STATE STREET

MILL AT HAMMOND, IND.

NOBODY ever criticizes the quality of Unicorn—only its price.

Anyone can come along and show you--on paper—how he can equal Unicorn for less money.

Such men have nothing to lose; but you have, and we have.

Unicorn has to be uniformly good or we lose your trade and our business—the work of a lifetime. That's what we have at stake.

The kind of men we must satisfy are leaders of American dairying and dairy-cattle breeding; shrewd, careful, exacting.

No other high-protein mixed ration or "prescription" can show records like these, made with Unicorn as the greater part of the ration:

365-DAY RECORDS	Lbs. Milk	Lbs. Fat
Royalton De Kol Violet	29949.60	1036.45
Jolie Topsy Pauline De Kol	29221.50	1032.37
Doede Binnema Flora (11 yrs.)	28857.00	1005.66
Lena De Kol 3rd (11 yrs.)	26768.8	942.80
Caddy Mutual De Kol	24564.80	902.09
Pauline Brightview	25606.10	895.99
Fryslan Waldorf	24648.60	894.39
Segis Fayne Princess	27656.09	844.03
Nina May De Kol of Cooley Farms	23324.70	837.08
Anetta Mapleside Pet	23851.40	816.35
Walcowis Ollie Mooie (24 mos.)	21569.70	808.50
305-DAY RECORDS		
Flint Bertjusca Pauline	21419.0	806.21
Lillie Green Hengerveld	19021.06	665.15
Flint Maplecrest Rosina (2 yrs.)	17778.00	649.12

Such records are our answer to "just-as-good" feeds or "try-it-on-your-cow" prescriptions well meant, but untested.

Unicorn is the right feed for the small dairyman as well as the large; for the market-milk producer as well as the record-making breeder.

CHAPIN & CO., CHICAGO

No Compulsion Whatever

"You sign this deed of your own free will, do you, madam?" asked the lawyer.

"What do you mean by that?" demanded the large, florid faced woman, looking threateningly upon the lawyer.

"I mean there has been no compulsion on the part of your husband. Has there?"

"Him?" she ejaculated, turning to look at the little, meek man sitting behind her. "Frederick? I'd like to see him compulse me."—Youth's Companion."

Where Are Yours?

"Did you hear about Bill Bonehead's barn burning down? Total loss. No insurance and Bill nearly got gassed trying to pull the barn door off its hinges. After Bill came to, someone said to him, "Why did you act so crazy about the barn door?" "Why, dang it all," says Bill, "all my figures for the last five years was right on the inside of that door."

Tick Tock

Willis—The Bumps say their family life moves like clockwork.

Gillis—Yes, they buy on tick.

Matador Segis Walker

IF You only knew You could only see You could hear

What others have said about the sons of **Matador** they have purchased, you would not hesitate another day to write us your needs. Pick one of his sons as Junior Herd Sire of your herd. List and pedigree sent upon request.

24-Page Holstein Book Free

Our 24-page Holstein Book (Free) contains late information about our Breeding Institution — pedigree of our three herd sires, illustrated with 28 pictures and other interesting information.

May we send you a copy? Write our nearest Sales Offices.

FACTS ABOUT MATADOR

Matador Segis Walker is the senior Herd Sire at Carnation Stock Farms, Seattle. Although a young sire, he has at present time over 100 daughters (in our herd) and over 150 cows safe in calf to his service. The first 13 daughters to freshen have A. R. O. records from 20 to 41 pounds. The first 11 at the age of 2 years and 4 months averaged 409.9 milk and 20.36 lbs. butter. His first two-year-old daughter in yearly work, has just finished with 21914 lbs. milk and 836 lbs. butter.

Matador Segis Walker has a wonderful opportunity in our herd, and there is every reason to believe that he will live up to the records of his grandsire, the famous **King Segis.**

WRITE US TODAY *VISITORS WELCOME*

Farms:
Western—Near Seattle, Wash.
Eastern—Oconomowoc, Wis.

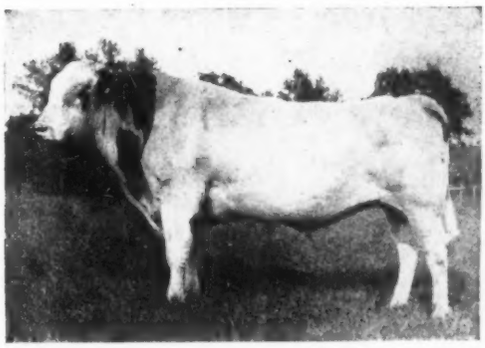
Carnation Stock Farms

Offices:
Eastern Sales Office: Dept. H. F. W. 1112 Consumers Bldg., Chicago.
Western Sales Office: Dept. H.F.W. 1060 Stuart Bldg., Seattle, Wash.

ALL ANIMALS UNDER FEDERAL TEST

Proven Producing and Transmitting Ability in Every Generation

A grandson of this wonderful Century Sire



King Pontiac Champion

WE would like to tell you more about a young son of Creator from a high record daughter of King Pontiac Champion, second dam the highest record daughter of De Kol 2d's Butter Boy 3d, the third dam a high record daughter of De Kol Burke and the fourth dam one of the best daughters of Paul Beets De Kol. No less than five Century sires appear on the maternal side of his pedigree and with all this goodness on dam's side you get a top cross of the Sir Pietertje Ormsby Mercedes-Bess Burke breeding. It is needless for us to further describe this calf here or to say that he stands almost alone in **his class.**

Such calves are always to be desired but are not readily found.

PABST STOCK FARM (400 Homestead Ave.) **Oconomowoc Wisconsin**

Club Notes

(Continued from page 25.)

over the large Holstein herd at Winterthur Farms and a great deal of interest was shown in many of the prominent members of this herd.

The meeting adjourned at four o'clock and many of the visitors expressed themselves as being highly pleased with the time spent at this meeting.

J. R. Danks, Secretary.

WILLIAMS COUNTY, OHIO, BREEDERS MEET

The annual meeting of the Williams County, Ohio, Holstein Association was held at Bryan, early in February. The principal speaker was W. H. Standish, one of the pioneer Holstein breeders of Ohio, and one of the best known Holstein judges . An effort will be made to stage a high class Holstein show in the county next fall, and a special committee consisting of F. L. Doughten, D. R. Tressler, and J. E. Cape was appointed to arrange for a field trip of the county to inspect the Holstein herds. The association also voted to co-operate with the Farm Bureau in organizing and conducting a Holstein Calf club among the boys of the county. A committee of five will be selected by the president to work on this project. The following officers were elected for the ensuing year: President, W. S. Tomlinson; vice-president, F. L. Doughten; secretary-treasurer, Arthur Snow.

IOWA STATE DAIRY ASSOCIATION MEETS

Plans for managing their consignment sale to be held at Waterloo March 23-24 and a campaign for a greater membership engaged the time of Holstein men the first day of the Second Annual Meeting of the Iowa Dairymen in a two day session recently held at the Iowa State College at Ames. A large number of choice animals have already been listed for this sale and every effort is being made to insure success as it will mean much in the future development of the State Holstein Breeder's Association. In the future more attention will be given to the small breeder, that he may see the benefits of belonging to the association, especially in the way of advertising. By becoming a member, the man who has a small herd and is unable to advertise may sell his cattle along with animals from big herds and get the benefits of their extensive advertising. Present members will write to those with whom they have done business and tell them of the advantages of organization and in this manner increase the membership.

The forenoon of the second day of the meeting was spent visiting the college dairy farm and the college creamery. In the afternoon following an address of welcome by C. F. Curtiss, Dean of Agriculture, the dairymen were told of the urgent need of advertising dairy products by M. D. Munn, President of the National Dairy Council. Rules adopted for the founding of Accredited Herds were read by H. L. Walls, State Veterinarian. Dr. C. H. Stang, Dean of Veterinary Medicine, told of the dangers of contagious abortion and how to avoid it. Dairy progress in Iowa during 1919 was reviewed by W. B. Barney, State Food and Dairy Commissioner. The next meeting of Iowa Holstein Breeders will be held at Waterloo March 23 during the consignment sale.

Kirk Fox.

NEW YORK HIRES FIELD SECRETARY

At a meeting of the Executive Committee of the New York Holstein-Friesian Association held at Syracuse March 5, the principal business was the seceltion of a permanent field secretary for the association. After considering the qualifications of a number of candidates, the committee unanimously decided upon the selection of E. R. Zimmer, who at present is manager of the Tioga County Farm Bureau. That Mr. Zimmer is well qualified for the work by training, experience and temperament is proven by his record. Since 1916 he has been in charge of the Farm Bureau work in Tioga County, N. Y., and during that time until the close of 1919, the membership in that county has been increased from 225 to 1977, which, in proportion to the number of farms in the county, was the highest membership in the state last year. He has been particularly successful in promoting auxiliary organizations within the county, such as Dairy Improvement Association, and associations of sheep breeders, bee keepers, as well as the reorganization of the Holstein Club. Mr. Zimmer is 33 years of age, was farm bred and raised and, in addition to a commercial course in a business college, he has completed the short course in general agriculture at Cornell University, as well as the two-year special course in agriculture. During his college course, he worked at the cattle barn every night and morning in general care of the dairy herd, and after the completion of his two year course, took a position with the University as assistant in Animal Husbandry, giving practical instruction in milking and dairy herd management to a class of students. During this year and the following, he fed and cared for a considerable number of cows on official test and made four records above thirty pounds. During the next two years he served as instructor in Animal Husbandry and also gained some experience in extension work at farmers' meetings and on demonstration trains. It was, however, his marked success in the Farm Bureau work that first attracted the attention

E. R. ZIMMER

of the directors of the New York Holstein-Friesian Association because this is a case of the job seeking the man. He has proven himself to be a splendid organizer with a complete grasp of his job, tactful, and a tireless, energetic worker. He will be released from his present position to take full charge of the Holstein work May 1, and it is expected that he will be able to put part time on the job somewhat before that date.

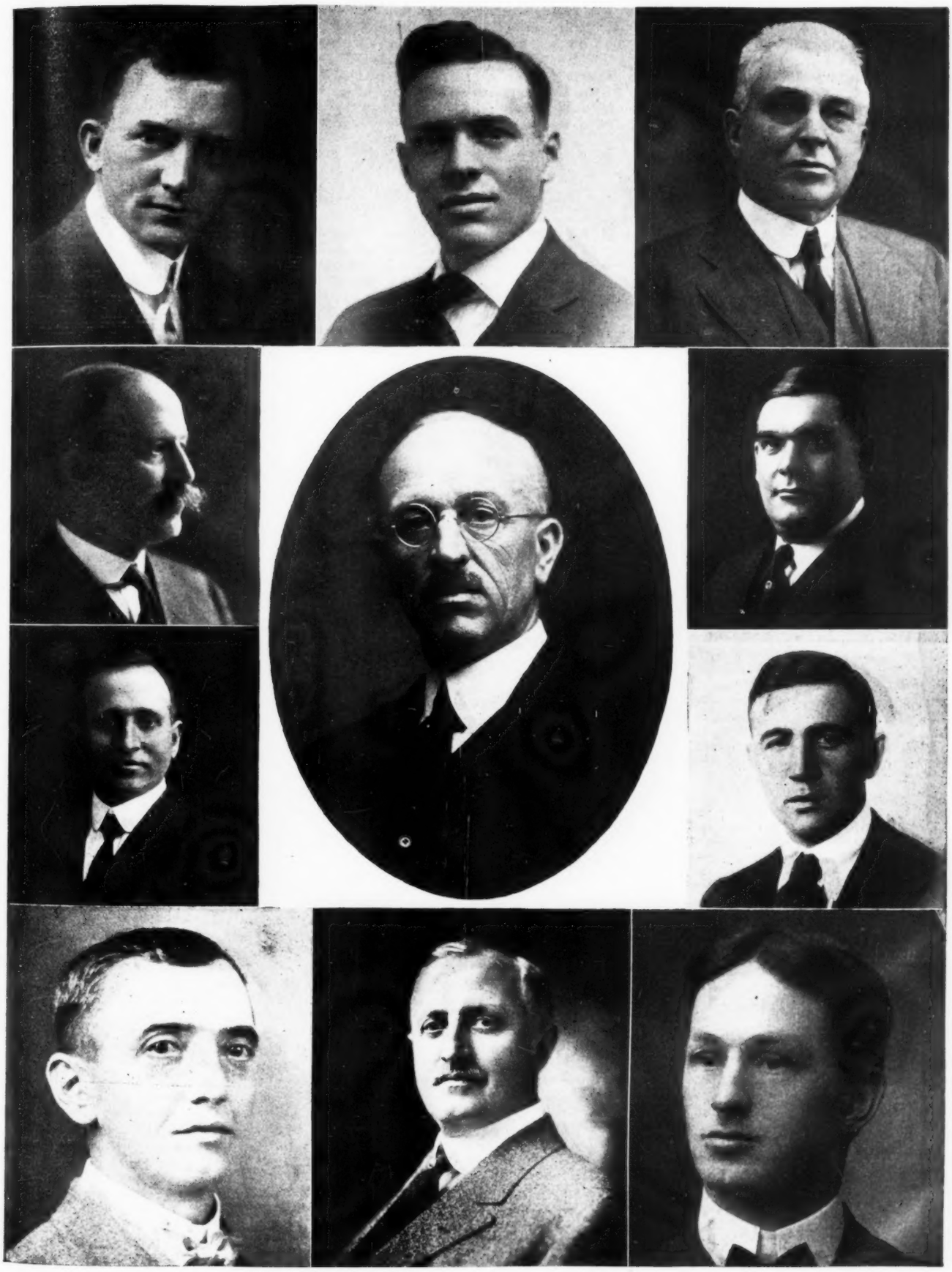
The Executive Committee announces the appointment of D. W. McLaury as chairman of the Legislative Committee, and a Publicity Committee consisting of Paul B. Misner as chairman, Seth M. Strickland, and C. F. Bigler. Another meeting of the Executive Committee has been called for March 15 at Syracuse, at which Mr. Zimmer and Mr. Pollock of the National Association will be present, and an effort will be made to formulate some definite policies and recommendations to be brought before a meeting of the full Board and the Advisory Council at a meeting to be called at an early date.

MICHIGAN CAMPAIGN NETS 1503 MEMBERS

A wire from R. C. Pollock of the Extension Department of the National Association, advises that the two weeks' intensive drive for membership in the Michigan Holstein-Friesian Association, ended with a total of 1503 members, and that additional follow-up meetings are now being scheduled. This is a remarkable showing and perhaps gives Michigan a larger proportion of her Holstein breeders enrolled in the membership of her state organization than any of the popular Holstein states. We shall hope to present a complete detailed report of the campaign in a later issue.

GRENVILLE COUNTY BREEDERS HOLD RALLY DAY

The Grenville County (Ont.) Holstein Breeders' Club held a Holstein Rally Day at the Kemptville Agricultural school, January 21. Addresses were made by E. S. Archibald, Director of the Dominion Experimental Farms; C. B.



The New Board of Directors of the New York State Holstein-Friesian Association

(Left Hand Column)
Floyd H. Stevens
Prof. H. H. Wing
W. D. Robens
John Arfmann

(Oval)
Pres. H. V. Noyes
(Center Column)
Top—Frank T. Price
Bottom—R. E. Chapin

(Right Hand Column)
H. A. Moyer
Seth M. Strickland
Paul Smith
Francis M. Jones

Bailey, Agricultural Commissioner of Ontario; G. A. Brethen, a prominent breeder from Norwood, Ont., and other breeders of Holsteins. Much interest was manifested in a campaign to eliminate the scrub bull and a committee was appointed to formulate a definite plan of action in assisting with the campaign.

GROVE CITY ASSOCIATION HOLDS MID-WINTER MEETING

The second mid-winter meeting of the Grove City Federal and Accredited Dairy Show and Sale Association was held at Grove City, Pa., the week ending February 14th. The association is open to any breeder of cattle in western Pennsylvania whose herd is on the state or federal accredited list or under state or federal supervision. There are now 91 members in the association who have paid their dues of $5.00 for the ensuing year, including 33 Holstein breeders, 34 Jersey breeders, 17 Guernsey breeders, and 7 whose breed was not given in the list published by Grove City National for February from which the above figures were taken.

Holstein day was February 13th, and the well attended meeting was called to order by E. B. Harshaw, Cashier of the Grove City National Bank, and one of the moving spirits of the association. One of the principal speakers was W. M. Rider of the Extension Department of the Holstein-Friesian Association of America, who gave an interesting talk on the early history of the Holstein-Friesian breed and association, and also spoke on semi-official testing. Mr. Rider advised an advertising campaign in New York City, emphasizing the value of milk as food, and gave an outline of business for things leading to the local association to be held during the coming year.

Another interesting speaker was Prof. R. R. Welch, extension man from Pennslyvania State College, who gave a very interesting and inspiring address along general lines, urging the association to renewed efforts in respect to dairy improvement. Other speakers were Prof. C. G. McBride of the state college who spoke on boys' and girls' club work and emphasizing the importance of getting the younger generation interested in dairy development. Prof. McBride is one of the best known club leaders in the state. County Agent Hagaar also spoke outlining the work of the association for the coming year and emphasizing the importance of cow testing association and boys' and girls' club work. A scrub bull campaign will be carried on during the coming year and many owners of pure breds expressed their willingness to exchange pure bred Holstein bull calves for scrub bulls in order to improve the dairy industry of the community.

Picture Gallery

(Continued from page 23.)

condition to make a record, she came down with a severe attack of milk fever—a disease that only good ones have— and after recovery, made a record of 23.66 lbs. She continued to gain, however, and three months after calving was put on test again, at which time she produced 594.7 lbs. milk containing 25.25 lbs. butter. She is being run on semi-official test, and her owner, L. G. Gleim of Wildare at Arlington, Ia., reports that she is gaining on her milk production and if given another opportunity in official test, may even pass the 600-lb. mark. She is one of the foundation cows at Wildare, where she was bred, and where she several years ago made a 302-day record of 692.38 lbs. butter from 15678.2 lbs. milk, a record which she promises to exceed this year as a 12-year-old. She has several good record daughters, and is a real producer both of stock and of milk and butter.

Gleanings From The Gardner Report

A rather meager lot of short-time records are listed in report No. 8, which gives tests received at the superintendent's office from December 23, 1919 to January 2, 1920. There are in fact only four 30-lb. cows reported. none of which had ever made a 30-lb. record before. This brings the total of new 30-lb. cows for the year to 126, the total number of repeaters remaining at 30. The grand total of 30-lb. cows reported is now 1595.

When we consider class leaders for milk and butter production, in each of the divisions, 7-day, 30-day, 8-months-after-calving, 10-months, and 365 days, we find Minnesota leading with 13 class leaders, New York being a good second with 12, and Ohio third with 11, Connecticut, Wisconsin and Washington have five each; Michigan four; Delaware and British Columbia three; Nebraska, Colorado, California and Iowa, two each and Kansas one.

Of the four 30-lb. cows in this report, two are from Nebraska, both owned by Woodlawn Dairy at Lincoln. They are Spring Valley Violet Longfield with 32.89 lbs. at full age, and Creamelle Korn. with 31.67 lbs. as a junior 4-year-old.

Another 30-lb. cow in this report is Pearl Korndyke Burke, owned by W. R. Stubbs, Lawrence, Kans., with 30.54 lbs. butter from 568.9 lbs. milk in 7 days, and 115.87 lbs. butter from 2270.3 lbs. milk in 30 days. This is the largest record ever made in the state of Kansas.

The fourth 30-lb. cow is Belle Canary Traverse Korndyke, with 30.04 lbs. at full age, owned by Guy Wakefield of Fowlerville, Mich.

The leading milk producer in this report in short-time work is Orchard Grove Gerda De Kol with 729.4 lbs. in 7 days and 3069.9 lbs. in 30 days. She is owned by W. L. Biddle & Son, Wauseon, O.

Another 700-lb. cow in this report is Black Princess Ormsby 2d, owned by R. J. Stevens of Liverpool, N. Y. with 707.3 lbs. milk containing close to 28 lbs. butter in 7 days.

In the senior 4-year-old class, Segis Korndyke Hengerveld Lady, owned by Kittle Bros., Holland, O., holds first place for butter and for milk production for both 7 and 30 days, with 29.69 lbs. butter from 644 lbs. milk in 7 days and 108.9 lbs. butter from 2671.8 lbs. milk in 30 days.

The only other senior 4-year-old in this report above 600 lbs. milk is Redfield Johanna Irene, owned by the State School and Home for Feeble Minded at Redfield, S. D., with 604.8 lbs.

We have already mentioned the leader in the junior 4-year-old class, Creamelle Korn, with 31.67 lbs.

Second place for butter and first for milk in the junior 4-year-old class in this report is K. K. S. V. Magadora, with 26.08 lbs. butter from 591.9 lbs. milk. She also has a very good 30-day record of 96.7 lbs. butter from 2336.1 lbs. milk. She is a daughter of King Korndyke Sadie Vale, and is owned by Abbott & Clark, Cortland, N. Y.

Another good junior 4-year-old record made by R. J. Stevens of Liverpool, N. Y., is that of Highland Spring Farm Pontiac Queen with 25.32 lbs. butter from 582.8 lbs. milk. Although barely 4 years old, this is her third record above 20 lbs., the other two being as a yearling and as a senior 2-year-old. She is sired by the $15000 son of the first 44-lb. cow.

Some very good heifer records are listed in this report as made by J. J. Herold, of New Canaan, Conn., including the leader of the senior 3-year-old class and first and second places in the junior 3-year-old class. The senior 3-year-old is Minnie Jewel Korndyke Pontiac with 29.26 lbs. butter from 548.2 lbs. milk in 7 days, 111.86 lbs. butter from 2254.6 lbs. milk in 30 days, and 198.39 lbs. butter from 4220.6 lbs. milk in 60 days.

The two junior 3-year-olds tested by Mr. Herold are both daughters of Vanderkamp Segis Christopher. One is Lanedale Betty Segis with 28.97 lbs. butter from 401.5 lbs. milk in 7 days, and the other is Lanedale Virginia Segis with 23.97 lbs. butter from 447 lbs. milk in 7 days, and 91.89 lbs. butter from 1962.6 lbs. milk in 30 days.

Another good senior 3-year-old record is that of Western Ascalon owned by Hall Bros., of Denver, Colo. She produced 554.3 lbs. milk containing 26.37 lbs. butter in 7 days and 2728.1 lbs. milk containing 97.74 lbs. butter in 30 days.

Another 25-lb. senior 3-year-old in this report is K. S. P. C. Lilith Daisy, owned by C. H. Boos, Sherburne, N. Y. She made her 25-lb. record from 511.1 lbs. milk.

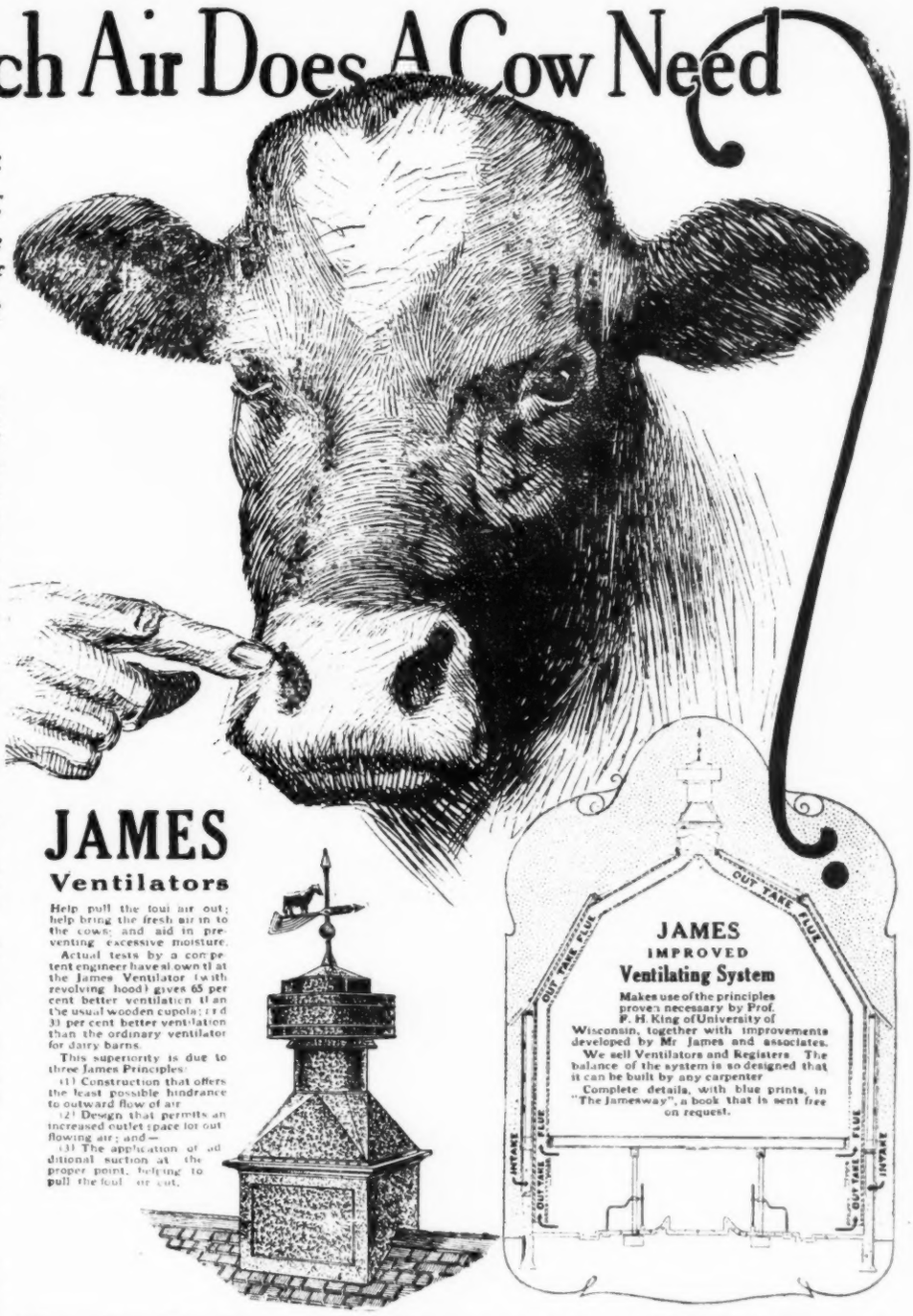
The best milk producer in this report in the junior 3-year-old class is Pioneer Oaks De Kol Mantel with 619.7 lbs. milk containing 20.37 lbs. butter. She is owned by Robert Spencer of Evansville, Wis.

The leader of this report in the senior 2-year-old class for butter and milk production for 7 and 30 days, is Cluny Maplecrest Application, owned by R. B. McPherson, Howell, Mich., with 537.7 lbs. milk containing 24.77 lbs. butter in 7 days and 2108 lbs. milk containing 98.99 lbs. butter in 30 days.

Second place with 24.62 lbs. butter from 430.1 lbs. milk is held by S. V. K. P. Claire of Sunnyside, owned by R. F. Guerin of Visalia, Cal.

(Continued on page 36.)

How Much Air Does A Cow Need



This Is The Answer:

"A cow needs TWICE the WEIGHT of pure air that she needs of FOOD and WATER combined!"

Pile up two days' rations of hay and silage and grain; beside it put all the pails of water a cow will usually drink in two days and two nights.

The WEIGHT of that feed and water equals the weight of fresh air a cow requires during 24 hours.

If the stable were air tight and no fresh air brought in, the cow would die, just as a fire choked with ashes would soon die, though it be supplied with coal or wood.

Of course, no stable is air tight; but in the colder states, most stables are built as tight as possible, to insure warmth.

Unless sufficient ventilation is provided, this means that the cows will not get enough fresh air.

Some Fresh Air Not Enough

They will get *some* fresh air, and so do not die; but they get *too little* fresh air, hence their vitality is lowered and diseases such as tuberculosis may get started.

Health is affected and expensive feeds given them are not properly assimilated; the milk yield falls.

But how bring in plenty of fresh air and yet have warmth?

Prof. King of Madison, Wis., to a great degree solved that problem.

Mr. James and his associates, because of many years' experience in solving ventilation problems, have developed improvements.

James Ventilators and Registers, with the free James plans for constructing a ventilation system, enable any farmer to have fresh, pure air, not too cold, in the barn.

Get Rid of Excess Moisture

Thirty cows will load the stable air with one and one-third barrels of water daily.

If that amount of moisture is permitted to stay in the barn, harmful results will follow. It is this excess moisture that causes the disagreeable "steaming" so noticeable in many barns on cold days.

"Steaming" is a sure sign that moisture is excessive and that the air in the stable is not being changed with sufficient frequency to keep it fresh and pure.

James System removes excess moisture.

Is Your Barn "Steamy?"

How about your barn? Is it "steamy?" Is it full of foul odors? Are your cows losing in health for lack of fresh air? Is impure air cutting down your milk yields?

These are intensely practical questions. To make milk requires feed, water and pure air. Why buy expensive feeds and not provide plenty of water and fresh air — water and air are free.

If you are interested in this subject of ventilation, write for our book, "The Jamesway"; and ask for the free help of our service men who have had so much practical experience in solving ventilation and other barn problems.

JAMES Ventilators

Help pull the foul air out; help bring the fresh air in to the cows; and aid in preventing excessive moisture.

Actual tests by a competent engineer have shown that the James Ventilator (with revolving hood) gives 65 per cent better ventilation than the usual wooden cupola; and 31 per cent better ventilation than the ordinary ventilator for dairy barns.

This superiority is due to three James Principles:

(1) Construction that offers the least possible hindrance to outward flow of air.

(2) Design that permits an increased outlet space for out flowing air; and—

(3) The application of additional suction at the proper point, helping to pull the foul air out.

Water For The Cows

Those who realize how greatly milk flow is increased by use of James Drinking Cups are reaping huge profits on their investment.

Reports based on milk records of 28 herds (739 cows) show an average increase of 2.45 lbs. per cow per day.

This is 490 lbs. in 200 days, which at $3.30 per cwt. totals $17.15.

The same investigation showed a saving in labor of $2.50 and in fuel of 55c per cow during the season.

"The Jamesway" book gives full information regarding drinking cups.

Work-Saving Devices

There are many other James devices that save labor, increase milk yields, help sanitation and improve cow health, such as Cow, Calf and Bull Pens, Feed Mangers, Calf Pail Holders, Sure-Stop Swinging Post, Swinging Cranes, "Safety First" Bull Staff, Handy Milk Stools, etc.

Also equipment for the hog barn, horse barn and beef barn.

The James Way Sunny Hog Barn provides sunshine and sun warmth on the floor of every pen two-thirds of the sunlit hours. The James Hog Barn Book, sent on request, tells all about it.

Free Dairy Barn Book

The 336 page book—"The Jamesway"—tells all about James inventions that save so much of labor, prevent spread of disease, promote better cow health, protect against dangerous bulls, make simpler the care of calves and sick cows and increase milk yields.

Easy Installation

It explains the easy way of putting up carriers, setting up stalls and pens and attaching drinking cups.

Skilled help is not required, because of the ingenious James Anchors and because the equipment is assembled at the factory.

Barn Plan Service

It tells about James Barn Plan Service; the many James barn experts who are at your service—men who know what has been successful and what has not; what not to do as well as what to do in planning convenient, money-saving barns.

Their advice on barn planning, ventilation and other barn problems is free, with no charge for floor plans. Send for the book—a postal card request will bring it—get the full details of how to build a barn, how to ventilate a barn, how to cut the barn work in half, how to make more milk—and more money.

James Mfg Co. Ft. Atkinson Wis. Elmira N.Y. Minneapolis Minn.

The James way

Labor Saving Equipment for the Dairy Barn

A Wonderful Report From Canada

The report of official tests of Holstein-Friesian cows in Canada covering the period from February 1 to 15, 1920, is by far the best report sent out from the Canadian Association during the current year. Seven 30-lb. cows are reported, including four in the mature class, one in the senior 4-year-old class, one in the senior 3-year-old class and one in the senior 2-year-old class.

The mature class is headed by Princess Echo De Kol 2d, with 35.33 lbs. butter from 708.9 lbs. milk. A year ago she made a record of 28.23 lbs. butter from 678.7 lbs. milk, which gives her two very good official records. She is owned by D. Raymond of Vaudreuil, Que.

Another great producer owned by Mr. Raymond in this report, is Korndyke Queen De Kol 6th, with 31.64 lbs. butter from 787.9 lbs. milk in 7 days, and 130.87 lbs. butter from 3169 lbs. milk in 30 days. She is the leading milk producer of this report for both 7 and 30 days. The most remarkable part about this record is that it is her third record above 31 lbs. butter, and above 700 lbs. milk in 7 days, as well as her third above 130 lbs. butter and above 3000 lbs. milk in 30 days. More details about the wonderful performance of this cow are given elsewhere in the World.

Calamity Snow Pontiac, who recently took the Canadian championship in the 4-year-old class of the yearly division for both milk and butter with 25338 lbs. milk containing 1060 lbs. butter, has just come back as a mature cow with a short-time record of 29.46 lbs. butter from 728.1 lbs. milk in 7 days and 120.9 lbs. butter from 2925.7 lbs. milk in 30 days. She is owned by Walburn Rivers, Ingersoll, Ont., and is one of the best members of the great Calamity Snow family.

Sylvia Segis Walker, a sister on her sire's side to May Echo Sylvia, is reported with 29.49 lbs. from 584 lbs. milk. She is owned by Marshall W. Miller, Brome Center, Que.

The other two 30-lb. cows in the mature class are Johanna Butterbank 2d, with 31.09 lbs. butter from 625.8 lbs. milk, owned by Louis L. Wettlaufer, Tavistock, Ont., and Cornelia Victoria Korndyke, with 30.9 lbs. butter from 580.5 lbs. milk in 7 days, and 123.36 lbs. butter from 2312.7 lbs. milk in 30 days, owned by Arthur Becker, Petersburg, Ont.

In the senior 4-year-old class, Lady Waldorf Pietje 2d, comes through with the second largest record ever made in this class in the Dominion of Canada 36.09 lbs. butter. She is owned by A. C. Hardy, Brockville, Ont., and is a daughter of King Pontiac Artis Canada, out of the Canadian champion junior 4-year-old, Lady Waldorf Pietje, with 36.3 lbs. butter in 7 days. The leader of the junior 4-year-old class is Grace Fayne Aaggie, with 25.81 lbs., owned by Haley & Lee, Springford, Ont.

Second place in this class goes to Woodcrest Tensen Canary with 24.39 lbs. in 7 days and 98.14 lbs. in 30 days. She is the daughter of Woodcrest Sir Clyde, and is owned by A. C. Hardy, Brockville, Ont.

The leader for milk and the third largest for butter production in this class is Welcome Lee 3d, with 568.7 lbs. milk containing 23.46 lbs. butter. She is owned by Louis L. Wettlaufer, Tavistock, Ont.

The senior 3-year-old class gives the name of the heifer that won first prize for the year 1919. She is Trenton Keyes Hermes, with 30.09 lbs. and is owned by D. Raymond of Vaudreuil, Que. Her milk production of 573 lbs. is also the largest in this report.

Second place for butter in the senior 3-year-old class goes to Pioneer Calamity Duchess Mechthilde, owned by Walburn Rivers, Ingersoll, Ont., with 25.42 lbs. butter from 508.7 lbs. milk in 7 days, and 103.55 lbs. butter from 2085.7 lbs. milk in 30 days. Only one 20-lb. junior 3-year-old is brought out in this report, Cornelia Korndyke Pontiac, with 20.5 lbs. butter in 7 days, 86.01 lbs. in 30 days, and 165.39 lbs. in 60 days, which, it will be observed, is over eight times as much for 60 days as she made in her 7 day record. She is owned by Arthur Becker, Petersburg, Ont., being a daughter of his 30-day cow already mentioned in this report.

In the senior 2-year-old class, we find reported at this time the new Canadian champion, Glen Alex. Queen De Kol 3d, owned by A. C. Hardy, Brockville, Ont., with 32.81 lbs. butter in 7 days, and 131.78 lbs. in 30 days, which are the two largest records for 7 and 30 days ever made in the Dominion of Canada, by a 2-year-old heifer. Not only that, but her 30 day record is a world's record, and her 7 day record is exceeded in her class only by that of her dam, Glen Alex Queen De Kol (42.36 lbs). This wonderful heifer is a daughter of Spring Farm King. These records have been reported in the World some weeks ago, but the official report from Secretary Clemons has just arrived, substantiating the figures as sent out by the owner.

Second place in the senior 2-year-old class is held by Colantha Queen Butter Girl with 24.2 lbs. butter from 507 lbs. milk. She is owned by Clark & Sims, of Argyle, Man., and her record would attract considerable attention in this report were it not for the 32-lb. record that precedes hers.

Another good one is Canary Inka De Kol, with 23.69 lbs., owned by Daniel O'Mahoney of Millgrove, Ont.

The junior 2-year-old class of this report is headed by May Echo Pontiac 2d, with 22.45 lbs. butter from 504.7 lbs. milk in 7 days, and 93.22 lbs. butter from 2056.2 lbs. milk in 30 days. This splendid heifer is out of a daughter of the famous May Echo Sylvia, and is owned by A. C. Hardy of Brockville, Ont.

In second place is Mercena Schuiling Ormsby with 19.15 lbs. butter from 435.1 lbs. milk. She is owned by J. J. Fox of Guelph, Ont.

This report does not give any records in long-time tests, and only one in the 8-months-after-calving division, that of Calamity Snow Mechthilde, who has produced in 30 days, 8-months after-calving, 92.25 lbs. butter from 1954.3 lbs. milk. She is the foundation cow of the Calamity Snow family, developed and owned by Walburn Rivers, Ingersoll, Ont. Her 8-months-after-calving record of 23.84 lbs. is the second largest ever made in the Dominion of Canada.

AMOS' SENIOR SIRE GETTING STARTED

Editor World:

It may interest you to know that the first daughters of Sir Veeman Vale Pontiac are freshening. He was formerly our junior herd sire and since our sale of Finderne Pride Johanna Korndyke to the Pickering Farms has been our senior sire.

The first daughter to freshen was Antrim Veeman Neta Beets. She freshened October 26, 1919 and made 18.72 pounds of butter out of 441 pounds of milk. In 116 days so far on official test she has made 7033.4 pounds, or an average of 60.6 pounds of milk a day. On official record 100 days after calving she milked 442 pounds and made 17.10 of butter. I think this is an unusual showing for a two-year-old.

The second daughter, Antrim Veeman Dodo, freshened at just two years of age, and her first seven days on test made 21.39 pounds of butter.

We are very much pleased with these daughters and hope any visiting dairymen in the vicinity of Syracuse will come out and see them.

Antrim Farms
Syracuse, N. Y. C. L. Amos

Editor's Note—Mr. Amos' sire, Sir Veeman Vale Pontiac, is a son of the century sire, Sir Veeman Hengerveld (17 30-lb. daughters) out of a 31-lb. 3-year-old daughter of King Korndyke Sadie Vale.

NATHAN DICKINSON

On Feb. 22, 1920, Nathan Dickinson passed away at his home, Walcowis Farms, Lake Geneva, Wis. He was born in Curtisville, Mass., Feb. 6, 1848 and came to Chicago in 1855. He was connected with the Albert Dickinson Seed Company all his life, being treasurer of that company until ill health caused him to give up active business in 1913.

In 1883 he bought the beginning of what is now Walcowis Farms. He has made his home there since his marriage in 1889. The first pure bred Holsteins were bought in 1910-11.

Mr. Dickinson was always interested in the development of the home farm, also in the larger life of the community. He was a quiet man, of unquestioned honor, who has left a memory of many kindly deeds. The Walcowis Herd will be continued as before under the direction of Boyd Dickinson, formerly junior member of the firm of Nathan Dickinson & Son.

NEW 40-LB. COW GOING STRONG

R. M. Harriman of Appleton, Wis., owner of the new 40-lb. cow, Sadie Gerben Hengerveld De Kol, reports that she is still going strong and will make a large 30 day record. According to his letter, she averaged for 14 days, 111 lbs. milk containing 4.47 lbs. butterfat daily, which would be equivalent to 78.23 lbs. butter from 15554 lbs. milk in 14 days, which should give her if she holds out well, a 30 day record of over 150 lbs. butter and perhaps as much as 3000 lbs. milk. Mr. Harriman promises to send accurate figures and photograph for publication at an early date.

Sir Ormsby Akkrummer Hengerveld

This is the bull we have chosen to place at the head of the Friesland Farms herd. He is sired by Duchess Skylark Ormsby, the breed's only 1500-lb. cow. The dam of this bull is Miss Korndyke Akkrummer Ormsby, 39 lbs. butter from 600 lbs. milk in 7 days and now making a year record which is expected to exceed 1200 lbs. butter. When his dam has completed her record, Sir Ormsby Akkrummer Hengerveld will stand as one of the highest yearly record bulls in the world.

We believe in breeding for individuality and the "Ormsby" quality which he so strongly inherits justifies his extensive use at the head of the Friesland Farms herd.

Friesland Farms

OMAHA, NEB.

B. B. DAVIS, Owner **HENRY STUBBE, Mgr.**

(Continued from page 32.)

The only junior 2-year-old in this report to pass the 20-lb mark is Daisy Hill Pietertje Maid, owned by Daisy Hill Farms, Chagrin Falls, O. She has to her credit 21.11 lbs. butter from 459.6 lbs. milk in 7 days, 86.35 lbs. butter from 1968.1 lbs. milk in 30 days and 165.14 lbs. butter from 4054.1 lbs. milk in 60 days, which, it will be observed, is a splendid record especially for the longer period.

8-Months-After-Calving Division

We have said that the short-time records listed in this report are not quite up to the usual standard of Gardner reports. This, however, is not true of the 8-months-after-calving division, nor is it true of the long-time test, for many splendid records appear in these divisions.

The 8-months-after-calving division is led for milk as well as for butter by the great Canadian cow, Zarilda Clothilde 3d De Kol, with 573.9 lbs. milk containing 21.35 lbs. butter. A close second for butter production is O. K. L. Pearl Tula, a daughter of Ormsby Korndyke Lad, owned by Julius Schmid of Montgomery N. Y. She has 20.34 lbs. butter from 427.6 lbs. milk.

She is followed very closely by Haidee Fannie Ormsby, a daughter of Sir Pietertje Ormsby Mercedes, owned by Winterthur Farms. Her figures are given as 438.2 lbs. milk containing 20.31 lbs. butter.

That grand old Cornell University cow, Glista Ernestine, who has made five different records above 30 lbs., the last one as a 10-year-old, is now reported with an 8-months-after-calving record at the latter age, of 417.3 lbs. milk containing 19.54 lbs. butter in 7 days, and 1759.9 lbs. milk containing 78.61 lbs. butter in 30 days.

Another 500-lb. milk record in the 8-months-after-calving division is that of Julia Clothilde of Sleepy Hollow with 504.3 lbs. milk containing 19.1 lbs. butter. She is owned by E. E. Freeman of Modesto, Cal.

The senior 4-year-old class is led by 2 daughters of King Segis Pontiac Count, both owned by Mr. Hackney. One is Johanna Bess Segis with 21.65 lbs. butter from 450.2 lbs. milk, and the other is Silver Bow Pontiac Segis with 18.02 lbs. butter from 452.5 lbs. milk.

In the junior 4-year-old class, we have as a leader for both milk and butter, De Kol Butter Boy Belle 3d with 21.28 lbs. butter from 509.3 lbs. milk. She is owned by A. E. Smith, Sumas, Wash.

She is followed by Bess Johanna Ormsby, owned by Winterthur Farms, with 21.04 lbs. from 402.7 lbs. milk. As we know, this great heifer later completed a 10-months record of over 1000 lbs.

Both the senior 3-year-old and the senior 2-year-old classes in the 8-months-after-calving division, are led in this report by daughters of Piebe Laura Ollie Homestead King. The senior 3-year-old is Johanna Fayne Piebe Homestead with 18.4 lbs. butter from 441 lbs. milk, owned by J. M. Hackney of St. Paul, and the senior 2-year-old is Beauty Beets Segis 2d with 15.05 lbs. butter from 386 lbs. milk, owned by Pinehurst Farms Co., Sheboygan Falls, Wis.

In the senior 3-year-old class, several good daughters of Lothian King De Kol Korndyke are reported, all owned by Lothian Riverode Stock Farms of Novelty, Ohio.

Daughters of Sir Inka Prilly Segis, owned by Winterthur Farms, also occupy prominent positions in the junior 3-year-old and senior 2-year-old classes of the 8-months-after calving division.

In the junior 2-year-old class we have reported Miss Aaggie Acme Burke, with 19.73 lbs. butter from 432.8 lbs. milk. She is owned by A. W. Morris & Sons Corp. of Woodland. Cal., and her butter record is a California state record in her class, the milk record being second only to that of Belle Faskie De Kol Witkop, owned by E. E. Freeman of Modesto, Cal., whose record is reported here as 433.2 lbs. milk containing 16.29 lbs. butter, or six-tenths of a pound of milk more than the Morris heifer.

The 10-Months Division

Under the new calving requirement rule, the 10-months division is becoming more and more popular. The leader in this report for both milk and butter is Pabst Hengerveld DeFreule, owned by Pabst Stock Farm. Oconomowoc, Wis. She carried a calf during 244 days of her test, and her figures for the 305 are given as 20749.3 lbs. milk containing 890.86 lbs. butter. It will be remembered that this cow has three records above 30 lbs., and four that average over 31 lbs. each.

An Indiana cow, Bo Peep Netherland Paul De Kol, owned by F. X. Bushore, Valparaiso, takes second place in this division with 18200.1 lbs. milk containing 752.2 lbs. butter. She carried a calf 191 days of the test.

The leader of the senior 4-year-old class is Lowdale Pietje Princess, with 528.13 lbs. butter from 12152.7 lbs. milk. Her record was for only 300 days, and she carried a calf during 212 days of the test. She is owned by G. S. V. Andrews of Lagrangeville, N. Y.

The outstanding junior 4-year-old in this report is Onyx Pledge Segis, owned by Oneida Community, Ltd., of Kenwood, N. Y. She carried a calf during 241 days of her 305-day test, and produced 19851.8 lbs. milk containing 789.5 lbs. butter.

The leading senior 3-year-old is Piebe Laura Veeman Artis, a daughter of Piebe Laura Ollie Homestead King, owned by Wm. Wright of Fergus Falls, Minn. Her record is 13697.2 lbs. milk containing 591.6 lbs. butter. Mr. Wright has two more daughters of Piebe in this report, one of them Ollie Piebe De Kol, heading the junior 3-year-old list with 562.96 lbs. butter from 14374.3 lbs. milk.

In the senior 2-year-old class we find a daughter of Finderne Pride Fayne. She is Hillview Ella Fayne, owned by D. O. Hastings of Wilmington, Del., and produced in 305 days, 15395 lbs. milk containing 590.33 lbs. butter, carrying a calf 244 days of her test.

The junior 2-year-old class is led by Oak Walker Pontiac, owned by Ramsey County Home, St. Paul, Minn., with 575.39 lbs. butter from 13874.2 lbs. milk, carrying a calf 211 days.

She is beaten somewhat for milk by Iowana Friend Julia, a daughter of Sir Johanna Fayne, owned by Iowana Farms of Davenport, Ia., with 14112.1 lbs. milk, containing 486.49 lbs. butter.

The 365-Day Division

When we come to consider the division for full year tests, we find this is probably the best report of the year thus far. The first name that strikes our eye is that of O. K. L. Pearl Tula, who as announced in the World some weeks ago, is the New York state champion for butter production, with 1366.75 lbs. butter from 27389.2 lbs. milk. As her name implies, she is a daughter of Ormsby Korndyke Lad, and was developed and is owned by Julius Schmid of Montgomery, N. Y.

Second place on the list is held by Oakdale Burke De Kol, owned by Hargrove & Arnold of Norwalk, Ia. She is an Iowa state champion in long-time test, with 1313.41 lbs. butter from 26246.9 lbs. milk, and is Iowa's first cow to produce over 130[illegible] lbs. butter in a year.

In third place for butter is Zarilda Clothilde 3d De Kol, with 1194.8 lbs. butter from 33153.6 lbs. milk. As everyone knows, this milk record is the largest ever made in the Dominion of Canada, and the second largest ever made anywhere in the world. The record was made at Colony Farm, Essondale, B. C., but as we know, she has since been sold to Bell Farms in Pennsylvania.

Two 1000-lb. cows are reported for F. J. Steidl of Wheaton, Minn. They are Harvest Lady Burwood with 1105.24 lbs. butter from 27118.7 lbs. milk, and Mustinka Johanna Pearl with 1163.74 lbs. butter from 25436.6 lbs. milk. These cows are listed on the report as owned by F. J. Steidl, but we understand they are now owned by Mr. Steidl's two sons under the firm name of Steidl Bros.

A good strictly official yearly record in this report is that of College Belle Butter Lass made by Michigan Agricultural College at E. Lansing, Mich., of 25079.2 lbs. milk containing 1112.65 lbs. butter. It will be remembered that she was consigned by the college to the Michigan State Sale and topped the sale at $3250, going to Waters & Buth of Grand Rapids.

E. C. Schroeder of Moorhead, Minn., comes out with a 1000-lb. record on a 10-year-old cow, De Kol Piebe Burke, her figures being 27611.5 lbs. milk containing 1086.29 lbs. butter.

Two other 1000-lb. records are given in the mature class of this report. One is that of Daybreak Mercedes Girl owned by Carnation Stock Farms at Seattle, Wash., with 1054.56 lbs. butter from 27867.7 lbs. milk, and the other is that of Miss Minita Ormsby Mercedes, with 1078.09 lbs. butter from 26901.8 lbs. milk. She is a daughter of Sir Pietertje Ormsby Mercedes, and her record was made by T. H. Skrei of Glyndon, Minn., although she is now owned by Ramsey County Home at St. Paul.

In all, there were 18 cows in the mature class of this report that produced over 20,000 lbs. milk a year, and up to 33000, and nine of these produced over 1000 lbs. butter.

The senior 4-year-old class is headed by Floa Segis Pontiac with 22783.6 lbs. milk containing 950.9 lbs. butter.

CANADIAN NATIONAL HOLSTEINS—TORONTO, ONTARIO, APRIL 8-9

An Open Letter to

The Holstein Breeders of America

Gentlemen:

We wish to advise you that the catalog for the Second Annual Canadian National Sale of Holsteins is now going to press with 120 of the choicest Holstein pedigrees ever listed in a Canadian sale catalog.

The sale will be held in the City of Toronto on April 8th and 9th, and you are cordially invited to be with us on these dates.

On receiving the catalog, which will be mailed to you within the next three weeks (ON REQUEST), we would ask you to peruse carefully each pedigree contained therein and then ask yourself this question: How many sales of the breed have brought forward so many outstanding individuals, in either United States or Canada. We feel that you can at least count them on the fingers of your one hand.

Of course, like all other public offerings, there will on sale day, be a number of individuals that will hold more interest for the better breeder than just the average, every-day, good record cow. The animals of the better sort in this sale are far too numerous to allow mention here, but we would like to point out a few of the outstanding features you will be able to find between the two covers of this catalog, viz:

A 5-year-old 35.45-lb. show cow with 738.8 lbs. of milk in seven days, 142.21 lbs. of butter, 3016.4 lbs. of milk in 30 days; a two-year-old daughter of a 37.68-lb. cow, due shortly after sale to Rex Wanderbelle Ormsby Jane (highest record bull in service), a 31.86-lb. jr. 3-year-old heifer; a 26.47-lb. jr. 2-year-old heifer, due at sale time to Champion Echo Sylvia Pontiac, one due at sale time to King Echo Sylvia Belle Model (75 per cent of the blood of the $106,000 bull); a 24 months daughter of Elva Spofford, 37.86 lb. three-year-old, in calf to a 34.32-lb. son of Avon Pontiac Echo; a 19,296-lb. R. O. P. 3-year-old heifer (unbred); two 18,000-lb. R. O. P. two-year-old heifers; Madam Pauline Sylvia, a 30-lb. show cow and heifer calf by a 34.32-lb. son of Avon Pontiac Echo, besides almost a score of 30-lb. cows of lesser note.

Yours very truly,

CANADIAN NATIONAL HOLSTEIN CLUB,

Gordon Goodeham

CANADIAN NATIONAL HOLSTEINS—TORONTO, ONTARIO, APRIL 8-9

She is a daughter of King Segis Pontiac Count and is owned by J. M. Hackney of St. Paul.

The leading junior 4-year-old in this report for butter production, is Queen Van Betta, owned by Hargrove & Arnold, Norwalk, Ia., with 958.48 butter from 20060.1 lbs. milk.

The leader for milk production is Queen Pontiac Clyde, owned by Winterthur Farms, with 21239.3 lbs. milk containing 918.24 lbs. butter.

The first 20,000-lb. heifer in the state of Virginia is also reported at this time. She is V. P. I. Buckeye Pauline Johanna, with a junior 4-year-old record of 20517.7 lbs. milk containing 805.45 lbs. butter, which is a Virginia state record for both milk and butter in her class. She is owned by Virginia Polytechnic Institute at Blacksburg.

In the senior 3-year-old class, the first two are both daughters of Ormsby Korndyke Lad, and both are owned by Julius Schmid of Montgomery. The first is Beaver Dam Ormsby Johanna with 25516.5 lbs. milk, containing 1110.24 lbs. butter, and the second is Mabel Ormsby Pontiac with 23032.3 lbs. milk containing 1104.7 lbs. butter.

A splendid record in the senior 3-year-old class is also reported for Reka Beets of Rock, owned by Geo. A. Fox of Sycamore, Ill. Her record is reported as 24100.2 lbs. milk containing 926.84 lbs. butter, which is said to be the second largest record ever made by a heifer of her class in the state of Illinois.

In this same class, Alice Walker Gipsy owned by C. L. Amos of Syracuse, N. Y. produced 22377.9 lbs. milk containing 898.68 lbs. butter, and Dutchland Colantha Welcome Lady, owned by Fred F. Field Holstein Company at Brockton, Mass., and a daughter of Colantha Lad, is reported with a record of 20608.5 lbs. milk containing 875.63 lbs. butter.

In the junior 3-year-old class, the leader for milk and for butter is Hubbavale Aaggie Cornucopia, owned by Julius Schmid of Montgomery, with 20129.5 lbs. milk containing 927.65 lbs. butter.

Piebe Laura Ollie Homestead King, who is represented so strongly in this report, appears again as the sire of the leading senior 2-year-old for butter production. She is Beauty Beets Ollie Homestead, owned by Mr. Hackney, with 882.66 lbs. butter from 19580.9 lbs. milk.

The leading milk producer among the senior 2-year-olds is Segis Daisy Fern 2d, with 21913.5 lbs. milk containing 835.41 lbs. butter. She is owned by Carnation Stock Farms at Seattle, Wash., being a daughter of their senior sire, Matador Segis Walker.

Two other senior 2-year-olds besides those already mentioned, passed the 19000-lb. mark, one a daughter of Piebe Laura Ollie Homestead King, owned by the United States Dairy Division at Beltsville, Md., and the other a daughter of Sir Inka Prilly Segis, owned by Winterthur Farms.

First on the list of junior 2-year-olds is Belle Hazeltine Ormsby, with a yearling record of 809.44 lbs. butter from 17744.1 lbs. milk. This butter record is a world's record for a Holstein heifer under two years old. She is a daughter of Sir Pietertje Ormsby Mercedes, and is owned by T. H. Skrei of Glyndon, Minn.

Second place in this class goes to Iowana Fayne Rose, a daughter of Sir Johanna Fayne, owned by Iowana Farms at Davenport, Ia. She has produced 18068.7 lbs. milk containing 677.44 lbs. butter.

Canadian Holstein Notes

By Ross J. Quirie, Special Representative Holstein-Friesian Assn. of Canada

Editor's Note: We are pleased to announce that arrangements have been completed whereby readers of the World will be kept better posted upon the progress of Holstein events in Canada. Mr. Ross J. Quirie, who has been engaged by the Board of Officers of the Holstein-Friesian Association of Canada to assist Secretary Clemons in the supervision of official testing in Canada, has undertaken the additional task of reporting for the benefit of the Holstein industry his observations concerning the progress the breeders of Canada are making with their tests and in other ways as well. The first installment presented herewith is just a commencement on a service that we are sure will be appreciated by readers of the World on both sides of the line.

Developer of World's Champion Cow to Hold Dispersal Sale

It is reported that owing to inability to secure help, J. B. Hanmer, known the world over as the developer of Rolo Mercena De Kol 51.93 butter, the world's champion cow for seven, thirty and sixty days, and many other high producing cows, will hold a dispersal sale of his high class herd of Holsteins early in April. Among the females on Glen Otter Farm are Belle Abbekerk 2d, a heifer of real show type having won first as a senior yearling at the Canadian National in 1918, third in the two-year-old class at the National Dairy Show 1919 and first in the 2-year-old dairy test at the Ontario Provincial Winter Fair, Guelph 1919. Maple Hill Faith, another promising cow of show type, will be included in the sale; also a daughter of Rolo Mercena De Kol, and a daughter of a sister to Rolo and her two promising daughters.

Beside the above mentioned females, Mr. Hanmer has many more promising cows which should attract many of the large breeders from both the United States and Canada.

Scrub Sires to Vanish

The Ontario Cattle Breeders' Association and Dominion Live Stock Branch are waging war on the so-called "scrub sire." The fact is evidenced by the feeling shown at a meeting held at Picton, Prince Edward Co., Ontario, on February 19, 1920, by the former association. The meeting was addressed by J. Coke, B. S. A., of the Farm Management Department, O. A. C., Guelph; G. A. Brethen, Norwood; S. J. Hammerquist of the Carnation Stock Farms, U. S., and a number of local breeders including E. B. Purtelle, C. Mallory, and A. D. Foster.

During the meeting, a written pledge was passed around, asking that every breeder present would endeavor to replace one scrub sire with a pure bred during the year. The final result showed that every man present at the meeting signed the pledge.

Prince Edward County is well known as a thrifty dairy county, the majority of the pure bred stock being Holsteins, hence a good showing in the improvement of their live stock is looked for.

Several other counties have adopted the same scheme of improving their live stock. The Dominion Live Stock Branch announces a new policy to be known as the "Sire Purchase Policy", which will become effective in the different provinces as announced later. The idea of this policy being to give the applicants pure bred sires, either bulls, boars or rams at their original cost plus the freight. This will enable the farmers in outlying districts to secure pure bred sires at a fair price and which have been purchased by competent men of the Branch.

A similar policy has been in operation for sometime whereby farmers were loaned bulls by the Dominion Government. Under this scheme 2500 bulls were loaned to farmers in various localities and a report shows that the value of the live stock has been increased by $6,500,000 under this scheme.

We feel sure that these new policies will meet with greater favor and we look for a marked improvement in the quality of live stock kept on the farms of Ontario.

Woodstock, Ont., To Have New Sale Pavilion

It is rumored that Oxford County, Ont., will have a new sale pavilion which will be erected in Woodstock.

This building will be sufficiently large enough to accommodate the consignment sales of various live stock clubs or private sales of the surrounding district, and will be financed by a private company who will require a guarantee from each club annually.

The erection of this new building should prove a good proposition to the company as well as the breeders of the surrounding district, as Woodstock is known to be the center of one of the finest dairy counties in Ontario.

Another 1200-lb. Cow in Canada

Countess Mercena Beulah, a mature cow owned by A. E. Cornwell of Norwich, Ontario, has recently completed a 365 day semi-official test, during which time she produced 27,210 lbs. milk and 1200 lbs. butter.

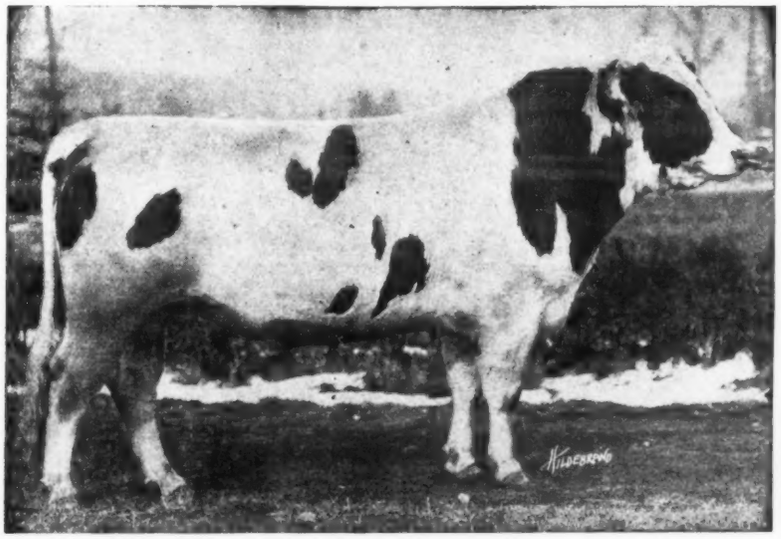
This cow was milked four times a day for 357 days and three times a day for 8 days. Her average test for the year being 3.52% fat.

Although this cow made such an excellent record, she will not qualify in the Record of Performance owing to the fifteen month calving restriction for which she did not freshen in time.

It will be remembered that this cow has also an excellent 7 day record, having produced at six years, 7 months, 7 days, the fine record of 34.06 lbs. butter from 706.8 lbs. milk, and

Champion Echo Sylvia Pontiac

OUR SENIOR HERD SIRE



A son of May Echo Sylvia, sired by a son of the first 44-lb. cow.

28.66 lb.

22.25 lb.

His first four daughters to make records this year, all as two-year-olds average

BUTTER	24.21
MILK	497.00

23.43 lb.

22.10 lb.

More than thirty sons of Champion Echo Sylvia Pontiac are heading the most prominent herds in the United States, Canada and foreign countries. The demand at all times is far greater than the supply and since he has proven so highly successful as a sire, this demand is likely in the future to be even greater. We suggest therefore you let us quote you on some expected calves.

AVONDALE FARM

A. C. HARDY, Owner BROCKVILLE, Ont. H. LYNN, Mgr.

THE BEST PROVEN SON OF MAY ECHO SYLVIA

134.52 lbs. butter from 3164.1 lbs. milk in 30 days, which goes to show that while an excellent producer on a short-time test, she can do equally as well on a long-time test.

MORE CANADIAN HOLSTEINS GO TO THE UNITED STATES

The demand for Canadian bred Holsteins by American breeders is evidenced by the great number of the breed which have recently been purchased by American buyers.

Among the recent sales, the fine herd of Lyndale Holsteins owned by Brown Bros. of Lyn, Ontario, was purchased by Abbott and Clark of Cortland, N. Y. This shipment included forty head of high class animals. It will be remembered that Canada's second 30-lb. cow, Sara Jewel Hengerveld 3d, was developed in this herd, and also Pietje Car Born De Kol, a cow now owned by A. C. Hardy of Brockville, where she made the excellent record of 38.77 lbs. butter from 760.9 lbs. milk in 7 days.

UPTON FARM STARTING TEST WORK

Two 20-pound records, one of 19.67 pounds from a 10-year-old cow that had never before been tested, and four others, seven A. R. O. records in all, are the net results of the first official testing done by O. T. Angell & Son, proprietors of Upton Farms of Mt. Upton, N. Y. The work was under the direct supervision of Stanley J. Angell, junior member of the firm, who graduated from the agricultural college at Cornell in 1918 and who has since been with his father on the farm. "The tests were made under strictly farm conditions and I consider three of them good for the circumstances. For roughage we had a poor quality of clover hay, coarse and weedy, but it was the best we had from last year's crop. We had fair silage and I used beet pulp with molasses. We had no roots. The ration was a light, bulky one which I made up from Henry's "Feeds and Feeding" and Prof. Savage's articles in the World. It consisted of brewers' grains, gluten, cottonseed and ground oats, 100 pounds each; hominy, 50 pounds; bran and oil meal, 25 pounds each. I hope to start several more on test the latter part of February."

The best record was made by Canisteo Netherland Butter Boy 235021, whose pedigree shows nothing but old-fashioned breeding prominent before the time of official testing. She freshened at 6 yrs. 7 mo. 21 da. Her calf sucked her two weeks, and she was milked twice daily for two more. A week before she went on test she was put on four times a day. She made 20.83 pounds from 468.2 pounds of milk, her best day's milk being 70 pounds.

Union Valley Texal Walker 2nd 385905, a heifer purchased from Otto L. Ives in his dispersal sale, made 18.40 pounds from 396.7 pounds of milk nearly two months after calving and after being moved to Upton Farms from Greenview. Her best day's production was 58.9 pounds. She freshened at 2 yrs. 5 mo 8 da. She is a daughter of Rag Apple Korndyke Johanna, the son of Rag Apple Korndyke 8th which Mr. Angell used in his first breeding operations. She was bred by Ward Loomis of Bainbridge.

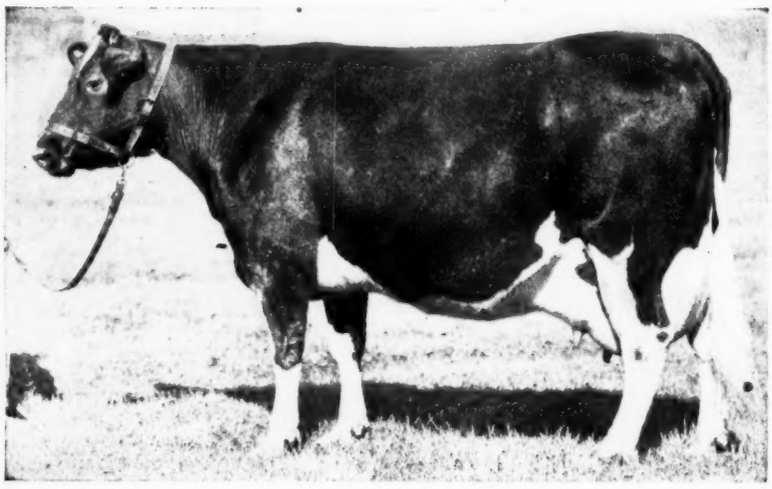
Lady Segis Lyons 419640 calved at 3 yrs. 11 mo. 26 da. and made 20.59 pounds from 475 pounds of milk, best day's production 71.3 pounds. She is by a son of King Pontiac Jewel and out of Louise Clothilde Segis. The sire's dam has a record of better than 25 pounds and the dam is a daughter of King Small Hopes Segis and Clothilde Annabel 135422, another of the Upton Farms animals to make advanced registry and the 10-year-old cow above referred to. She freshened at 6 mo. 11 da. over that age, and made 19.67 pounds from 458.4 of milk, her best day being 71.4. She is a daughter of General Barington De Kol Mercedes and Topsy Clothilde. There are few records in her pedigree, and for years she has been milked with a farm herd, twice a day.

Belle Hengerveld Segis Lyons 414449, fresh at 2 yrs. 1 mo. 28 da., made 14.13 pounds from 395.7 of milk. She was gaining when testing was discontinued. Her best day's milk was 44.9. Her sister, Gracia Segis Lyons 414448, made only 13.60 pounds from 336.4 of milk as a 4-year-old. This pair are the first A. R. O. daughters of Queen Hengerveld Pontiac 2nd. Their sire and maternal grandsire are the same as those of Lady Segis Lyons.

Upton Farms Mame 412517, first of the Angell breeding to be tested, freshened at 2 yrs. 1 mo. 2 da. and made 11.87 pounds from 395.3 of milk while putting flesh on her own sides during the test. She was in poor condition when she started, and looked better at the finish than before. She is

LLENROCK HOLSTEIN FARMS

Home of One of Canada's Greatest Producing Families



Jemima Johanna of Riverside, Canada's only cow to have produced over 1000 lbs. fat in a year. She was the second cow in the Dominion to produce over 30,000 lbs. milk in the year and is the oldest cow in the world to have made over 30,000 lbs. milk in a year—making her record at 10 years.

In the Llenrock herd are no less than five of her daughters and a number of her granddaughters, through both her daughters and her son, which heads the herd.

One of her daughters now in test has already passed the 1000-lb. mark and with almost two months yet to go, it is believed she will closely approach 1200 lbs. butter with almost 26,000 lbs. milk in a year, demonstrating most forcibly the transmitting ability of "Old Jemima."

We have for sale several grandsons of Jemima Johanna of Riverside, sired by her son. We also have a yearling son of Rag Apple the Great from a 31-lb. two-year-old. We will be glad to give interested parties more complete information regarding any of these bulls.

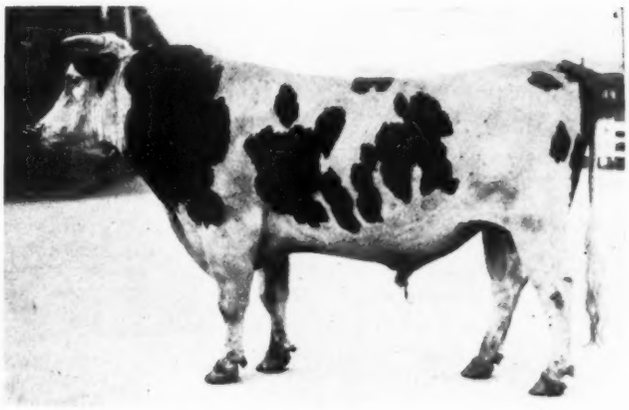
LLENROCK HOLSTEIN FARMS

Chippawa W. C. HOUCK & SONS **Ontario**

COLONY FARM

ESSONDALE
B. C.

HERD SIRES



Aaggie Cornucopia Newman

AAGGIE CORNUCOPIA NEWMAN

28 A. R. O. daughters, 2 of them over 30 lbs. in 7 days, 8 have produced over 600 lbs. milk. Four have produced over 20,000 lbs. milk in a year, and 800 lbs. of butter, all in heifer form. He has three world record milk producing daughters and is himself a son of the ex-world champion milk producing cow for 7 and 30 days. His dam is Margie Newman, the only cow of the breed with over 700 lbs. dam of a 700-lb. cow and of a son with two 700-lb. daughters. In addition to this ability to transmit production, Aaggie Cornucopia Newman has proven a very successful sire of show ring winners. Wherever they were exhibited during the season of 1919, the get of Aaggie Cornucopia Newman invariably won first in the get of sire class.

COLONY McKINLEY SEGIS DE KOL

13 A. R. O. daughters, sire of the first 1000-lb. two-year-old in Canada with a record of 1061.6 butter and 21569 milk, world's record for butter production under strictly official test. His first two two-year-old daughters average over 896 lbs. butter from 20,000 lbs. milk in a year. His first 9 two-year-old daughters average over 18 lbs. butter and 410 lbs. milk. The career of this great bull has just started.

He is sired by Johanna McKinley Segis, famous as the only son of the great King Segis from a 40-lb. dam. His dam is Brookside Jannek De Kol, a 17-lb. junior two-year-old daughter of the famous century sire, De Kol 2d's Butter Boy 3d, from Jannek Albina De Kol 3d, 27.72 lbs. junior four-year-old daughter of Korndyke Queen De Kol's Prince. It is doubtful if any sire in the dominion has more closely represented in his pedigree the blood lines of sires that have played a more important part in the building up of the production of the Holstein-Friesian breed.

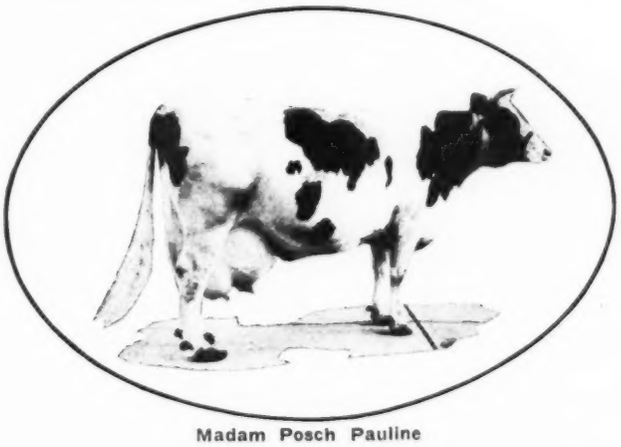
COLONY PRINCE POSCH PAUL

This is a famous line bred son of Madam Posch Pauline with the following records:

Butter	34.28
Milk	835.6
Butter (30 days)	136.50
Milk	3386.6
Butter (60 days)	267.5
Milk	6479.2
Butter (90 days)	370.16
Milk	9541.8
Butter (179 days)	709.9
Milk	17476.7

Colony Prince Posch Paul is sired by Prince Abbekerk Mercena, one of the greatest bulls of the dominion. He, therefore, brings into his pedigree a double cross of the Abbekerk line combined with the great producing qualities of the Posch family.

We have for sale at all times sons of these great sires from dams that have made splendid records and are constantly increasing their production.



Madam Posch Pauline

COLONY FARM

P. H. Moore, Supt.

Essondale, B. C.

a daughter of Rag Apple Korndyke Johanna and Nina Wittekind Netherland, one of the older producers on the farm.

Mr. Angell started with pure breds in the spring of 1915, shortly after he moved to the farm, which he had owned for several years, from Sidney. His first purchase was that of Kuretta Burke Spofford, an 11-year-old cow with a broken-down bag, and her one-eyed daughter, Greenview Pontiac Spofford, a granddaughter of King of the Pontiacs. The old cow was bred to King Pietertje Hartog Pontiac, but she dropped a bull calf. She lived for several years and continued to produce, but her influence is little felt in the present herd. In June 1915, Mr. Angell bought two head at the annual sale of the Tri-County breeders at Sidney, and the following March he paid $1405 for five head at the Backus dispersal sale at New Berlin. Nina Wittekind Netherland, mentioned above as the dam of the first Upton Farms heifer to be tested, came from the Sidney sale. A few months later nine head, including Clothilde Annabel, Lady Segis Lyons, Belle Hengerveld Segis Lyons and Gracia Segis Lyons, were purchased from A. Camp & Son of New Berlin, and last fall O. T. Angell & Son were among the heaviest buyers at the Greenview Farm dispersal sale at Guilford. They paid $2690 for eight head, including Union Valley Texal Walker 2nd and five other daughters of Rag Apple Korndyke Johanna, two of them full sisters. The other two animals were daughters of King Segis Pontiac Alcartra and King Pietertje Hartog Pontiac, respectively.

These purchases and the natural increase from them have made a herd of 62 pure breds, headed by Upton Rag Apple Pontiac 226032, a grandson of Rag Apple Korndyke 8th from a 24-pound granddaughter of King of the Pontiacs purchased at the Backus sale for the top price of $515. The average of this sire's seven nearest dams, including one record made at 22 months, is 23.77 pounds. The junior and feature sire is Rag Apple Butterfly Colantha 278217, also a grandson of Rag Apple Korndyke 8th, from a 30-pound daughter of Colantha Johanna Lad, Colantha Butterfly Johanna. This bull was purchased as a calf from the D. W. Field Farm Co. His second dam is Dutchland Butterfly De Kol, with a record of 25.57 pounds from 520.3 pounds of milk at 3½ years. He is a son of the $53,200 bull of the Worcester national sale of 1917.

The pure bred herd (there are almost 40 head of grades on the farm as well) includes five granddaughters of King of the Pontiacs, 21 granddaughters of Rag Apple Korndyke 8th and eight granddaughters of King Segis Pontiac Alcartra. One of the interesting family combinations is that of Clothilde Annabel, the 10-year-old cow tested this spring, and her nine descendants, including four daughters, three granddaughters and two great-granddaughters. The matron and one granddaughter are now in A. R. O., and it is hoped to test two of her daughters this spring.

Upton Farms are among the oldest in the Unadilla Valley and O. T. Angell, head of the firm, was one of the first in that section to own pure bred Holsteins. He purchased several head in 1884 when farming near Guilford, but all trace of them was lost in his grade herd when he removed to Sidney more than 30 years ago. There are 470 acres in the farm, which was part of a grant made in colonial times by King George to Clotworthy Upton, in whose family the land was held for several generations. About 200 acres of the farm are under cultivation, the rest being in pasture and timber and considerable acreage is rented each season for pasturage. There is equipment for a herd of 100 head, but on account of the labor situation it is likely that the grades will shortly be offered for sale and attention concentrated on development of the pure breds. Ultimately it is planned to carry about 100 head of registered animals only.—G. N. Angell.

WISCONSIN HOLSTEIN BREEDERS NEW SECRETARY

The Holstein breeders of Wisconsin are fortunate in procuring the services of a regular man's man for their new secretary and state leader. He is the type of fellow who has the manhood to call a spade a spade and at the same time possesses the necessary tact and diplomacy to meet the most difficult situation. Leading Holstein breeders and others interested in the welfare of Wisconsin Holstein activity, who have watched the work of our

L. L. OLDHAM

new secretary for the past few years, are unanimous in their praise of his ability. Mr. Leslie L. Oldham has had the experience necessary to qualify a man for this position as will be seen by this brief narrative.

Mr. Oldham of Elkhorn, County Agricultural Agent of Walworth County, Wisconsin, has been selected by the committee named by the Board of Directors of the state association, to take up the duties of the secretaryship and field work of the Wisconsin Holstein-Friesian Association, beginning March 15th with temporary headquarters at Fond du Lac, Wisconsin. Mr. Oldham is well known to the farmers and breeders in the southern half of the state through his activities and writings. He will be remembered by many as the leader of the various auto tours of Walworth County farmers and breeders into Rock, Jefferson, Waukesha and other adjoining territories.

The new secretary comes to the new work with the association with plenty of farm knowledge and experience as well as more than the usual training in extension and association work.

Born on the farm in Dane county, he attended district school, later going to Madison high school and the College of Agriculture at the State University. He graduated with honors from the general agricultural course and special work in Live Stock, Agronomy and Feeds and Feeding.

Upon completing his work at Madison, Mr. Oldham assumed a position with the Great Northern Railway in their Extension Department. He was assigned to the work in North Dakota and Eastern Montana and was soon named Assistant Director of the Department with headquarters at Grand Forks. It was but a short while and Mr. James J. Hill asked him to take charge of his big farms at North Oaks in Minnesota. Here he remained until January 1st, 1916, when he came to Walworth County to continue the work begun by James H. Murphy and the County Development Association.

In his associations with the members of the various organizations in his county the past four years, Mr. Oldham, has been very closely identified with many great changes in agriculture. Walworth county has profited financially and in every other way. Under his leadership the farmers and breeders met every call of the nation for increased production. On all farms there has been an increase of live stock, alfalfa, and the grains. Better farming has been inaugerated generally.

During the war period, he acted as Federal Food Administrator for Walworth County; as assistant to the agricultural advisor to the District Board at Racine; and as executive secretary of the executive committee of the Council of Defense.

While Mr. Oldham has not been alone responsible, still he has had a big part in seeing this thickly populated Holstein County placed third among the counties of the state vieing with one another for clean herd honors. The pure bred bull has displaced the grade in 53% of the herds and the 1920 census is still to be taken. The percentage will be higher when it is completed. This high figure makes the county second in rank in the state and keeps Waukesha humping to keep in the lead. A ready market for all surplus grade or pure bred breeding animals has been developed and high prices obtained. Boys and girls contests with dairy calves have become features at the County Fair and the Cattle Show and particularly that of Holsteins, a credit to the industry. A winner in the Boys and Girls contest won the State Championship for Holstein eifers while others from the county took many other premiums.

The various breed organizations

(Continued on page 46.)

Dispersal Sale

Glen Otter Herd Norwich, Ont.

Owing to my inability to obtain satisfactory help, coupled with the remodeling of all our farm buildings and the heavy stock we are now carrying, necessitates a dispersal of the Glen Otter herd.

It has come to a point where it means either giving up the animals or ruining my health.

The history of the herd during the past 14 months is known the world over. It will be recalled Rolo Mercena De Kol (51.-93 lb.), was developed and sold from this farm. In the sale will be a daughter of this world champion cow, soon to fresh-en; a sister to Rolo—two of her daughters and one son, one of these daughters now on test has over 27 lbs. and going strong. The sale will also include Belle Abbekerk 2d, one of highest winning heifers in Canada with a junior two-year-old record of 23 lbs. butter and 432 lbs. milk. There will also be a son and daughter of this heifer.

More than 60 head will be in the sale, and in later issues we will tell you more about them. In the meantime plan to attend what we have every reason to believe will be one of Canada's greatest sales.

J. B. HANMER.

April 7th

Established **Brookside Herd** in 1876

"The Fountain Head of Holstein-Friesian-Aristocracy"

R. J. STEVENS :-: :-: **Liverpool, New York**

Father said

"If you want a real drink, go right to the spring—don't stop down stream for it."—When I bought

SIR RIVERDALE MAY ECHO LYONS

I went straight to the SPRING of the family that produced

MAY ECHO SYLVIA whose dam MAY ECHO VERBELLE is the dam of SIR RIVERDALE MAY ECHO LYONS

(Junior sire in Brookside Herd)

MAY ECHO VERBELLE and her dam May Echo, are the fountain head of this wonderful production. Her record of 29.89 was made at 10 years of age. She milked 702 lbs. in 7 days. She is the only dam with four tested daughters each of which has produced more than 600 lbs. of milk in seven days that average 734.5 lbs. Her record, figured with those of her two best daughters average 788 lbs. of milk and 34.9 of butter, which production is unsurpassed by any other dam and two daughters. The 30-day record of this dam and her two daughters average 141.17 from 3322 lbs. of milk, which for combined production far surpasses any other family in existence. Furthermore, the 7-day average of 726.8 lbs. for May Echo Verbelle and her four daughters is unequalled by any other family in the world.

MAY ECHO, with 31.30 at 11 yrs., has a milk record of 726 lbs. in 7 days and a yearly record of 1042 lbs. of butter from 23707 of milk. Thus the two direct dams of the bull have each produced over a hundred lbs. of milk a day for 7 days. May Echo has produced three daughters, two of which have produced over 600 lbs. and one of them produced four daughters each of whom have produced over 600 lbs. in 7 days.

SURELY IN THESE TWO GREAT COWS WE FIND THE SOURCE OF MAY ECHO SYLVIA'S MARVELOUS PRODUCING QUALITIES AND IN SECURING A SON OF HER DAM HAVE "TAKEN FATHER'S ADVICE" AND "GONE RIGHT TO THE SPRING FOR OUR DRINK."

We have a few two-year-old heifers, in calf to SIR RIVERDALE MAY ECHO LYONS, that we will offer at reasonable prices. They are first class individuals, straight and square and will please the man that buys them.

Here's "May Echo" Breeding For You

We have been using one of the best "May Echo Sylvia" bulls to be found anywhere. His name is May Sylvia Pontiac Cornucopia.

His dam is the oldest daughter of May Echo Sylvia—a wonderful individual but crippled when a heifer through an injury and blood poisoning in her udder.

His sire is Spring Farm Pontiac Cornucopia—son of the first 44-lb. cow.

His get are about the finest things we have ever seen.

At the Canadian National last fall we showed six of his young daughters. They won first, second and third in the class for senior heifer calves, and first, second and fourth in the class for junior heifer calves, and also cleaned up the group classes.

We are using on these great heifers a Finderne son of the great individual and producer, Homestead Susie Colantha (35.12 lbs. butter, 737 lbs. milk in 7 days; 139 lbs. butter, 3010 lbs. milk in 30 days). We showed this wonderful cow at the National Dairy Show, Chicago, last fall and although ten months along in milk she placed third—the first time she was ever beaten in her class. She is a granddaughter of Colantha Johanna Lad and should be heard from further. Haven't we a right to expect something worth while from this cross?

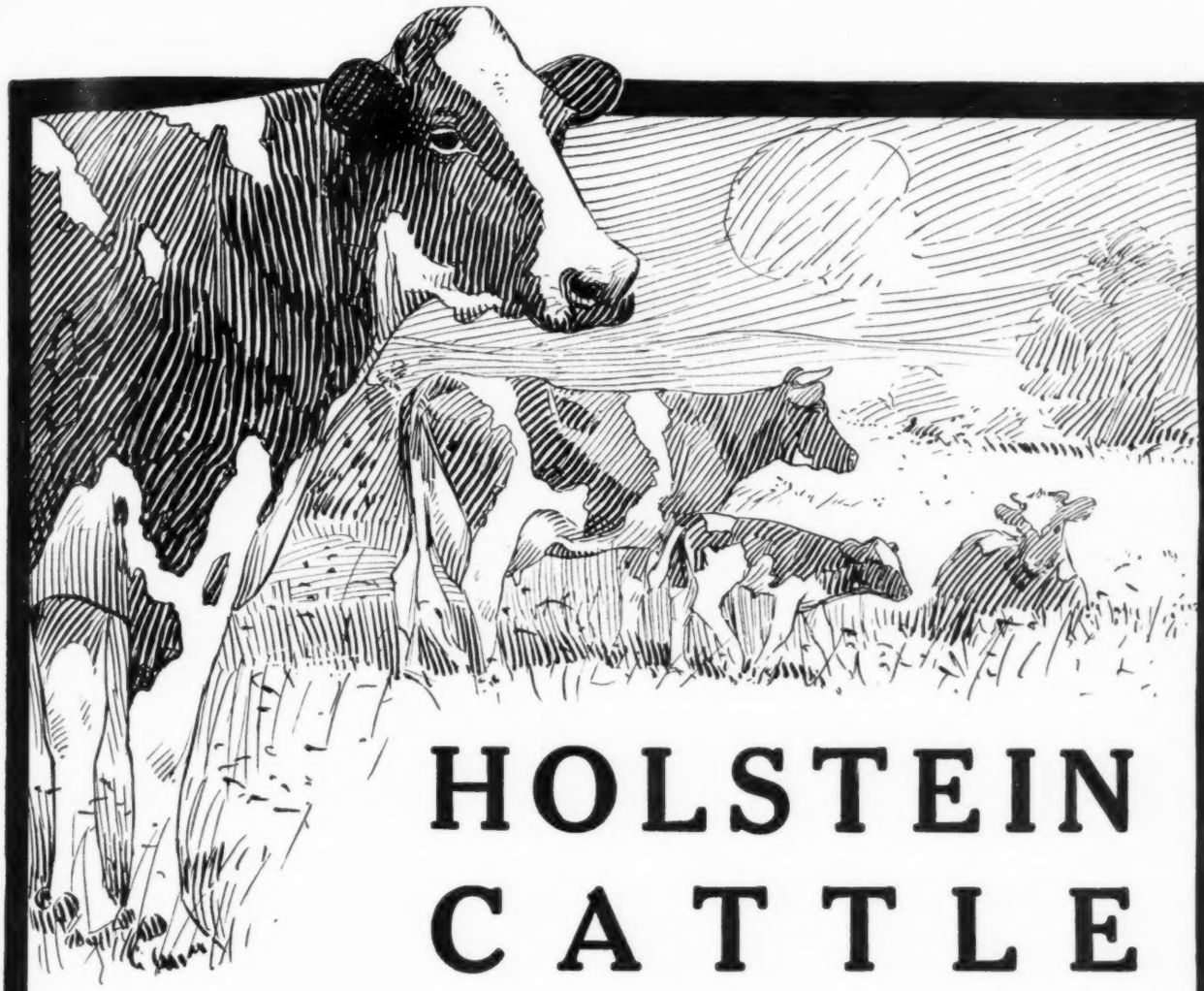
Inspection of the herd is cordially invited

HALEY & LEE

Springford Ontario

Important Notice

If in need of some real producers, get a catalog and plan to attend the Canadian National Sale at Toronto, April 5 and 6—and look up our consignment.



HOLSTEIN CATTLE

The Inevitable Choice

of Breeders;

BECAUSE they are big, healthy, hardy and clever; because Holstein calves are strong and easily raised; because Holstein cows hold all records for milk and butterfat production, and because there is a constant and strong market demand for Holsteins everywhere.

of Dairymen;

BECAUSE they make dairying pay; Holstein cows are able to consume large quantities of rough feed and transmute it into abundant and profitable milk yields.

of Farmers;

BECAUSE they solve the economic problem of the dairy. Holstein cows produce more milk and butter per year and per lifetime than any other cows. They save labor, feed, stable room and risk of loss.

of Public Institutions;

BECAUSE they fully meet requirements. By every test they have proven the best and most profitable of all dairy breeds. Holstein cows' milk has a vitality peculiar to itself and is more easily digested and assimilated by infants, invalids and convalescents.

Send for Free Literature

THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA

182 Hudson Street

F. L. Houghton, Secretary

HOLSTEIN MILK · Health, Vitality, Nutrition ·

Brattleboro, Vermont

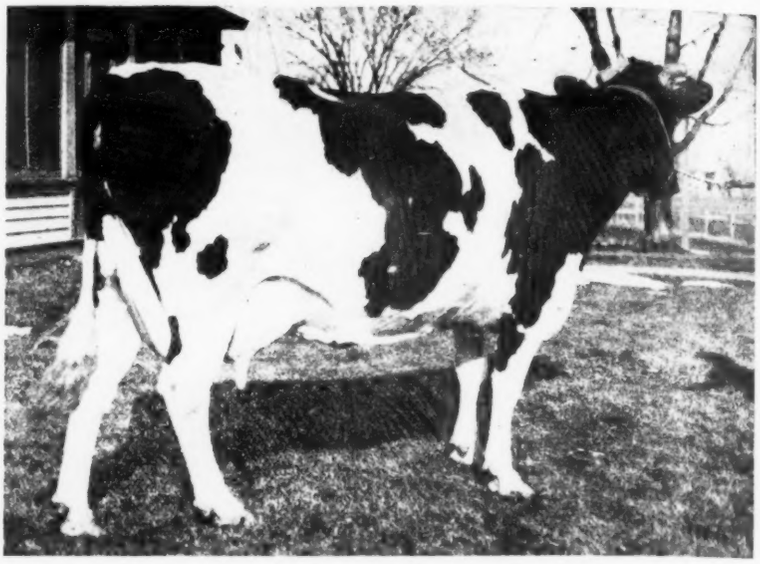
(Continued from page 42.)

have had much help from Mr. Oldham. He took a very active part in the affairs of the county Holstein Association, attended meetings regularly, talked to the members at meetings and counselled in the business thereof. He had important responsible parts in the tours and picnics of the association and in the successful bull and other sales held by the association in the fall and spring each year.

In leaving Walworth County, Mr. Oldham, leaves his work well organized and in excellent shape for his successor, who has as yet not been named. In his new work, he will have the very best wishes and hearty support of a host of friends.

He will be on the job March 15th and will have temporary headquarters at Fond du Lac. To boost Wisconsin Holsteins is his job. "Wisconsin Holsteins for Wisconsin Breeders." "Wisconsin Holsteins for the breeder anywhere in the world who wants foundation stock par excellence;" "Wisconsin Holsteins for everyone, everywhere, everytime." These are some of his cast off "sparks" gleaned in a recent conversation.

Just what means will be employed to fix the excellence of Wisconsin Holsteins in the minds of folks all over this country is not known at this writing. It is a job, we all agree. Your unqualified support is solicited Mr. Breeder, whoever and wherever you are. You and Mr. Oldham should be the very closest of close co-operators. As a body of men enthusiastically loving one breed, let's combine our efforts and interests and go forth with the new man in the new work and into new fields open to the "Foster Mother of Man," the Queen of Dairy Cattle, Our favorite breed. James R. Garver.



LITTLE GIFT OF SPRING VALLEY
Recently completed record of 1049 lbs. butter from 26831 lbs. milk, and dropped calf three days after end of test. Her son has just been sold by W. W. Moscrip to Nathan Dickinson & Son, Lake Geneva, Wis.

MOSCRIP SELLS TWO GREAT BULLS

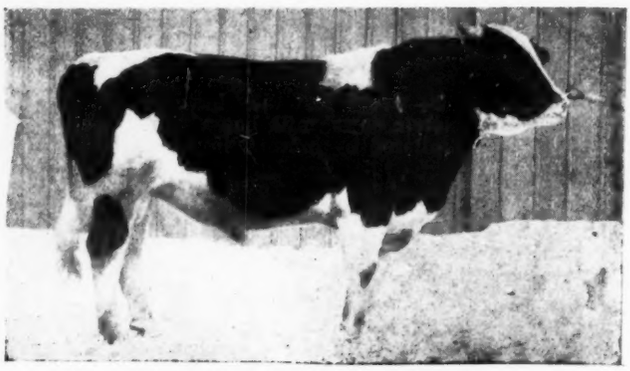
A recent letter from W. S. Moscrip, proprietor of North Star Herd at Lake Elmo, Minn., reports the sale of one of the best bulls ever born on the farm, to Nathan Dickinson & Son of Lake Geneva, Wis. The bull is a young son of Little Gift of Spring Valley, whose picture we are pleased to show here. She recently completed a yearly record, as announced in the World at the time, of 1049 lbs. butter from 26831 lbs. milk, under perhaps the most unusual circumstances under which so great a record was ever made, as she dropped another calf just three days after the close of her yearly test. Not only that, but there were nine days less than 12 months between her calves before the start of this great record, and she was dry less than three weeks. Her record was made while running at pasture with the rest of the herd day and night from spring until after frost, only being in the barn long enough to be milked, which is, in fact, the way all the records at North Star herd are made. Her short-time record made at the beginning of this test was 28.86 lbs. butter from 796.4 lbs. milk, her best day's milk production of 155.44 lbs. standing until recently as a world's record. As a 2-year-old, she made another yearly record of 742 lbs. butter from 18205 lbs. milk and dropped twin heifer calves only 16 days after the close of her year.

Messrs. Dickinson & Son, the purchasers of this young son of Little Gift, will be remembered as the owners of the show herd that made such a sensation all around the big time circuit last fall, winning both senior and junior championship for bulls, as well as many important group and other prizes, it is therefore certain that if they selected this young bull from Mr. Moscrip's splendid herd, he must have considerable show quality. He is described by Mr. Moscrip as being a really remarkable calf, very large, straight, long bodied, with splendid hips and a wonderful head.

This is of course what you would expect from a son of his sire, Johanna Bonheur Champion, Mr. Moscrip's senior sire. This bull is getting a great list of young daughters none of which have as yet been tested in mature form, including a 28-lb. 4-year-old, a 24-lb. 2-year-old and other great record heifers. He is sired by one of the best sons of the first 35-lb. cow, and his dam is admitted to be the best daughter of the famous sire and show bull, Sarcastic Lad. As a sire of show stock, he leaves little to be desired. One of his sons will be remembered as the Grand Champion at the National Dairy Show in 1918, as well as at several of the leading state fairs of the past season. A 2-year-old daughter was awarded grand championship at the recent National Western Live Stock Show at Denver, in one of the best Holstein exhibitions ever staged, and she is described by Mr. Moscrip as one of the greatest 2-year-olds he ever saw. Still another daughter won first prize in her class at the San Francisco show in 1919, and in fact, his offspring are uniformly successful in the show rings in all kinds of competition.

Another son of this remarkable sire that has recently been sold by Mr. Moscrip is Johanna Kayewood Korndyke, who has just been purchased by Kirkpatrick Bros. of Reedsburg, Wis. As already stated, he is sired by Johanna Bonheur Champion, and his

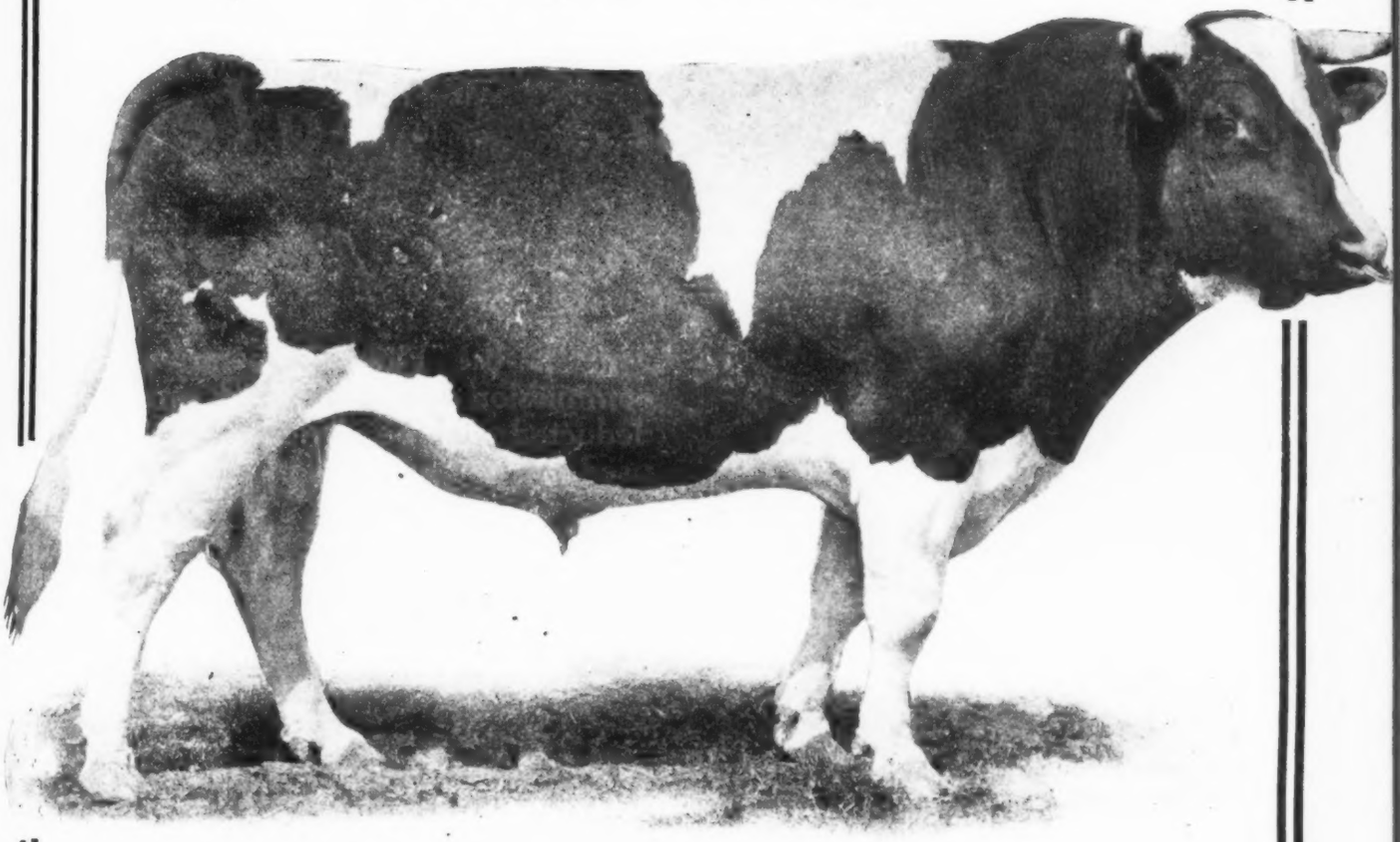
(Continued on page 50.)



JOHANNA KAYEWOOD KORNDYKE
A son of the Pennsylvania State Champion just sold by Mr. Moscrip to Kirkpatrick Bros., Reedsburg, Wis.

HERE IS AN OPPORTUNITY

Knocking at Your Door!



DUTCHLAND COLANTHA SIR INKA

15 30-lb. Daughters **20 Year Record Daughters**

Long Time Record Daughters

Name	y.	m.	Milk	Butter
Yankee De Kol de Yong Colantha	7		24,704.6	1051.05
Colantha Yankee Mary Korndyke	3	6	19,082.10	835.05
Jenny Linn Colantha	2	4	18,506.80	796.65
Lorna Doone Colantha	3	8	19,557.3	790.27
Colantha Yankee Korndyke	4	5	16,569.7	758.35
Tirania Yankee Mary 2d	3	11	16,665.5	741.73
Colantha Hark Korndyke	3	3	17,476.6	740.88
Colantha Anselica	2	3	17,233.2	711.26
Inka Yankee Mary Korndyke	2	1	16,416.1	688.26
Yankee Lefa	3	3	14,938.20	675.11
Tirania Yankee Korndyke 2d	2	1	15,496.4	668.45
Yankee Hark Countess 2d	2	5	15,982.00	659.30
Yankee Lefa Hark Colantha	2	1	14,080.9	632.40
Yankee Mary Korndyke Colantha	2	5	13,618.4	631.40
Colantha Mary	2	1	15 324.50	598.92
Yankee De Kol Hark 2d	2	7	13,660.90	588.71
Peggy Korndyke De Kol 2d	2	4	13,466.2	577.46
Mary Colantha	2	7	13,677.40	556.38
Annie Ridd 2d	2	5	12,082.0	544.66
Inka Mary Colantha	1	11	12,810.00	531.08

This Is Our Story

Due to the fact that our herd is still small we are able for the present to take a limited number of cows for service to "Dutch."

We have some of the greatest proven sires of the breed and we want to share our good fortune with others.

Fishkill Farms is in a position to take the best care of cows sent to us for service to "Dutch." We cannot supply them with a parlor, bedroom and bath, but we can provide them with an individual box stall.

What would you give today to be able to breed your best cows to one of the following sires:

Colantha Johanna Lad, Sarcastic Lad Pontiac Korndyke, De Kol 2d's Butter Boy 3d or Sir Pietertje Ormsby Mercedes. Of course, this is impossible but you can breed your best cows to "Dutch" if you listen to the opportunity knocking at your door.

FISHKILL FARMS

HENRY MORGENTHAU, JR., Owner
(Under Federal Supervision)

Hopewell Junction (Dutchess County) **New York**

The Minnesota Nationa Guaranty Sale

The First Nationa

This is the First Cooperative Holstein Sa commission will be charged on all animals so deducted will be divided pro rata among th used in extension work in the various state

QUALITY——

¶ That word means so much to a sale of this character.

¶ We must charge you with the importance of it.

¶ To correct any wrong impression any breeder might have had, we must say quality will mean more in this sale than any before ever held.

¶ Perhaps you have a real high class show cow with a 30-lb. record—one you had intended to keep—that's just the cow we want for this sale.

¶ Perhaps you have a high class individual fit for a show ring—that has made 1000 or more pounds butter in a year—that's just another of the class we must have.

¶ And the young bulls—they must be from 30-lb. c or from dams that have made over 1000 lbs. in a year. Quality always.

¶ Quality is spoken of as the degree of fineness or excellence of a thing.

¶ Don't forget that back of the consignment you are sending is something that can never be judged in terms of dollars and cents.

¶ That one thing is public opinion—remember that always.

¶ You have an obligation in connection with the staging of this first cooperative sale—every breeder knows how he can and should meet that obligation.

Minnesota Holstein-Friesian

St. Paul, Minnesota
June 3-4-5

Cooperative Sale

onducted on a national scale. A 10 per cent nd the net proceeds after expenses are tates consigning animals, such proceeds to be

¶ As an additional incentive and in addition to the regular 10 per cent charge (less expenses) which will revert to your state association for extension work, the Minnesota State Association is awarding a most generous prize of $500 for the state consignment realizing the highest average. This in itself should be incentive enough for any enthusiastic Holstein man to consign the very best animals he has in his herd.

¶ Selection for the quota from each state is left to the Holstein Association of the state concerned, but the Minnesota Committee reserves the right to reject any entries.

Write Your State Secretary

He is fully informed on all regulations applying to this sale and will gladly give you the information you desire.

State Quotas

assigned to each state based upon the support accorded previous national sales and upon a preliminary survey of the available cattle.

California	15
Canada	15
Colorado	10
Delaware	5
Illinois	10
Iowa	15
Nebraska	5
New Jersey	5
New York	40
Massachusett	6
Massachusetts	6
Minnesota	35
Michigan	12
Pennsylvania	6
Washington	15
Wisconsin	35
South Dakota	6

Breeders Association

Sale Manager

CANADA'S CHAMPION

Long Distance Producers

We Bred and Developed

Duchess Wayne Calamity 2d ..... 846. lb
(Champion 2-year-old)

Calamity Snow Mechthilde 2d ..... 1053. lb.
(Champion 3-year-old)

Calamity Snow Pontiac ..... 1060. lb.
(Champion 4-year-old)

These three cows average:

Butter ..... 986.

Milk .....21775.

3 YOUNG BULLS

One is from a very handsome 24.51-lb. 4-year-old daughter of Prince Aaggie Mechthilde.

One is from a 3-year-old daughter of Prince Aaggie Mechthilde and Duchess Wayne Calamity 2d (846 lb. in a year as a 2-year-old), Canada's Champion 2-year-old. We are expecting to test the dam in a few days. She is one of our most promising heifers.

One is from Pioneer Albino Mechthilde that has up to date, over 25 lb. and going strong. She is by Prince Aaggie Mechthilde.

All of these calves are sired by Riverside Korndyke Toitilla, brother to Canada's former long distance champion and closely related to Jemima Johanna of Riverside, Canada's first 1000-lb. fat cow with over 30,000 lb. milk in a year as a 10-year-old.

We would be glad to show you these champion producers and to tell you more about the young bulls we have for sale.

WALBURN RIVERS

Ingersoll Ont., Can.

(Continued from page 46.)

dam, Kayewood Joyce Korndyke, owned by Bell Farms, is the state champion of Pennsylvania in short-time tests, with 39.39 lbs. butter in 7 days. She has likewise just finished a 305 day record of 1050 lbs. butter from over 23,000 lbs. milk. Mr. Moscrip writes that this bull is a splendid individual, 4 years old, and is siring some very promising calves. He should prove a wonderful investment for Kirkpatrick Bros., who have a very good producing herd.

BESS BURKES REPEAT AT WINTERTHUR

A recent report from Winterthur Farms, Winterthur, Del., advises that their two representatives of the Bess Burke family have just made creditable short-time records. Spring Brook Bess Burke 2d passed the 30-lb. mark, and while we have not her exact figures at hand, we understand that she now has five records that average over 32 lbs. each. This is of course her fourth 30 lb. record, her other three all being above 35 lbs. and up to over 38 lbs. She will undoubtedly be run on long-time test and we shall expect to see her make her fourth great yearly record. She will be remembered by most of our readers as the largest yearly record daughter of Spring Brook Bess Burke, having three records from 1000 to 1200 lbs.

Her daughter, Bess Johanna Ormsby, who made a 40-lb. record as a junior 4-year-old, followed by a 10 months record of over 1000 lbs., has freshened again at just about 5 years old and made a record of over 37 lbs., which while not quite as large as the record she made before, is very good considering she was on semi-official test up to a month or so before she freshened, which gave her no opportunity at all for a rest.

As previously announced in the World, both these famous Bess Burkes dropped bull calves sired by King of the Ormsbys, who is of course a son of one and a full brother to the other. These bulls, we are informed, are not for sale.

Cooking school teacher—Did your husband like the doughnuts you made him?

Mrs. Youngbride—Yes; he remarked that if I could only make them large enough he could save on his automobile tire bills.—Boston Transcript.

Son of Canada's Former Champion

Grandson of King Walker **Grandson of Prince Hengerveld Pietje**

We offer for immediate sale a young bull. King Pietje Hengerveld, almost two years old. Very fine, long straight deep bodied animal, a bull of good quality, sure and very active.

He is sired by King Segis Walker, one of the leading bulls of the Dominion and has a number of creditable record two-year-old daughters, all by King Walker with a 32-lb. first calf daughter from a 31-lb. daughter of King Segis.

His dam is Pietje Pauline Hengerveld, former Canadian Champion 31-lb. three-year-old, that made 32.7 lbs. and has a 33.9-lb. daughter. She is by Prince Hengerveld Pietje with ten 30-lb. daughters. He is considered one of the best sires that was ever in Canada. Two of his dam's sisters made over 36 lbs. while another has over 38 lbs.

Here is a young bull that will head some high record herd and he is priced most reasonably considering the breeding backing of him.

R. M. HOLTBY

Port Perry, Ont.

Complete Dispersal

HOME-CRAFT HERD

(At the Farm, Cicero, N. Y.)

April 1, 1920

71 Head

All high class individuals

A Producing Herd with Individuality

Headed by

Superba Palmyra Rag Apple

A very attractive son of Rag Apple Korndyke 8th from Bloomingdale Hengerveld Palmyra—a 30-lb. daughter of old Hengerveld De Kol and generally regarded as one of his very greatest daughters. Here is a bull qualified to stand at the head of any. Practically the entire herd is in calf to him.

35 Granddaughters of King of Pontiacs

A rare opportunity to get so many high class individual granddaughters of that great sire. 29 of these are by King Pontiac Ladoga, a good proven son of King of the Pontiacs, while the six remaining are by a 32-lb. son of the same sire. These heifers are mostly in calf to the son of Bloomingdale Hengerveld Palmyra.

21 Milking Cows

High class individuals and practically all with creditable official records. Many of these have been shown very successfully at the N. Y. State Fair and I do not believe you will find a finer individual lot of cows in many days travel.

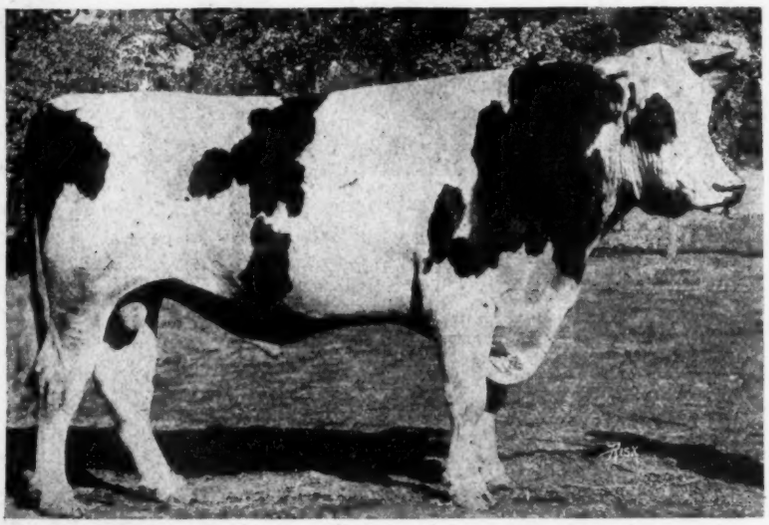
10 Heavy Springers

Soon due by "Palmyra" and ready to give you a calf worth all the dam costs and then pay for themselves in summer milk.

All over six months tuberculin tested.

Home-Craft Farm A. C. Fergerson Owner C. S. Ellis, Mgr. **P. O. Clay, N. Y.**

Sir Pietertje Ormsby Fobes



Sir Pietertje Ormsby Fobes was shown at the recent Kansas National Live Stock Show at Wichita with 250 head in competition. He was first prize in the age class senior and grand champion bull at the show.

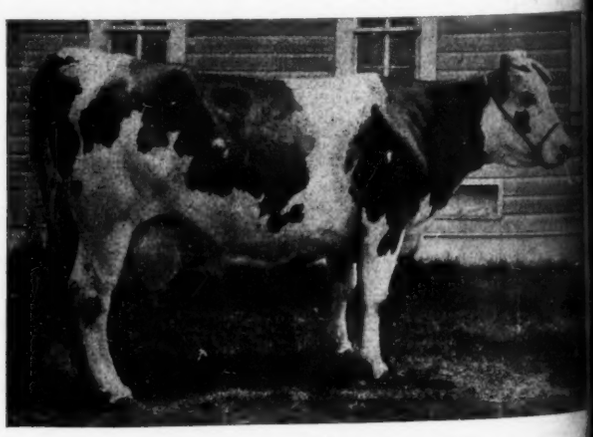
He is sired by Sir Pietertje Ormsby Mercedes 37th, without question one of the best proven transmitting sons of Sir Pietertje Ormsby Mercedes. "37th" is from Spring Brook Bess Burke 2d—one of the most remarkable cows that ever lived—she enjoying the honor of being a three times 1000-lb. cow and dam of a 1000-lb. daughter that has also made over 40 lbs. in a week. The 3 nearest dams of Sir Pietertje Ormsby Mercedes 37th all have wonderful year records and have proven their ability to transmit by having produced one or more 1000-lb. daughters each.

On the maternal side we have Sir Pietertje Ormsby Fobes coming from one of the most noted families in the Lone Pine Herd of John Erickson & Sons. The first dam, a cow that has produced as high as 90 lbs. milk in a day, is now on test making a great year record and is expected to finish with over 900 lbs. One of her full sisters as a two-year-old has over 737 lbs., another made over 23 lbs. as a senior two-year-old. She is by Johanna De Colantha Champion, a grandson of the former world champion cow, Colantha 4th's Johanna. The second dam is that beautiful cow, Wisconsin Fobes with over 26 lbs. of butter and 622 lbs. milk, milking up to 93 lbs. in a day. She is now on test and is expected to make over 1100 lbs. in a year. Three of her daughters have produced over 80 lbs. milk each in a day. The third dam is the great foundation cow, Wisconsin Lass with 26 lbs. in 7 days and 808 lbs. in a year. When the dams in test complete their year records, it is believed the first four dams of Sir Pietertje Ormsby Fobes will average over 1100 lbs. in a year.

Bear in mind Sir Pietertje Ormsby Fobes is by the same sire and his dam is from the same cow as Wisconsin Fobes 5th—Wisconsin state champion 29-lb. senior two-year-old—making her record with first calf.

We have chosen from our herd 10 extremely high class cows and heifers, all of them safely in calf to Sir Pietertje Ormsby Fobes. The sale of this select bunch affords western breeders an unusual opportunity to get close up to some of the greatest producing and transmitting blood of the breed.

SPRING BROOK BESS BURKE
The only 1000-lb. cow with three 1000-lb. daughters.



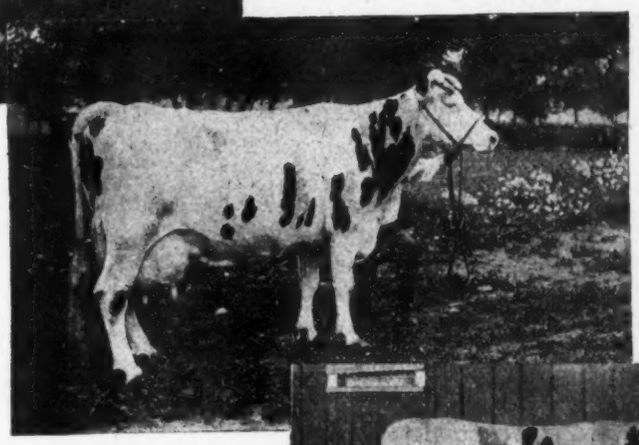
SPRING BROOK BESS BURKE 2d
A three times 1000-lb. cow. Dam of a 1000-lb. daughter. Grandam of "Fobes."

A Prize Winning Sire—Grand Champion at Kansas National

Bred In The Best Producing Lines Of The Breed

—Backed By These Perfect Dams—

1. Wisconsin Fobes 3d (His Dam)
2. Wisconsin Fobes (Dam's Dam)
3. Wisconsin Lass (Dam's Grandam)



10

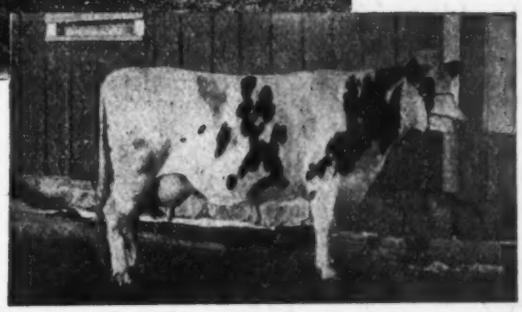
Cows and Heifers

IN CALF TO

Sir Pietertje Ormsby Fobes

TO BE SOLD

IN THE

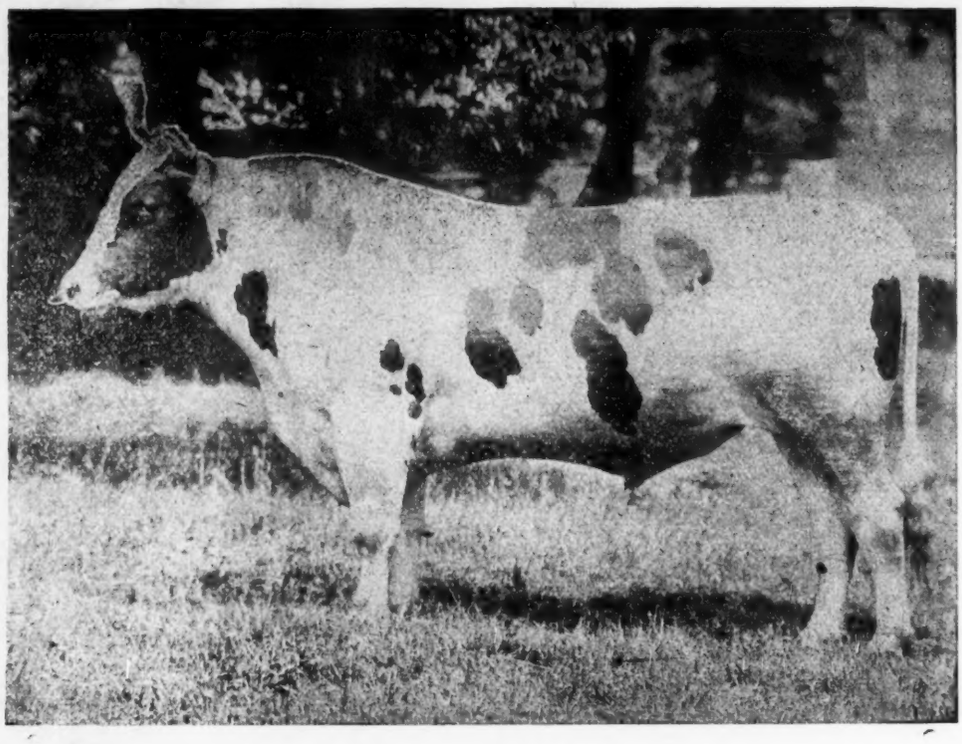


Kansas State Sale—Topeka—March 25-26

A special feature of the offering is a DOUBLE GRANDDAUGHTER OF PIETERTJE MAID ORMSBY—this heifer was recently purchased from John B. Irwin and in her, you get 50 per cent of the blood of the foundation cow of the Ormsby family. She is safely in calf to Sir Pietertje Ormsby Fobes and it is needless to say will be one of the most valuable Holstein-Friesian heifers ever sold in public sale. The offering of this heifer is in itself an attraction that should draw breeders from all sections of the country.

DO NOT MISS THIS GREAT SALE

SAM CARPENTER, Jr. Oswego, Kan.



FINDERNE PRIDE FAYNE

Prepotency —

"Having a preponderating power or influence."

The fact that Finderne Pride Fayne, himself a son of a world's champion long distance cow with over 28,000 lbs. milk in a year, has produced a four-year-old daughter with over 27,000 lbs. milk proves to us most conclusively and should convince the most skeptical that he truly is

A Prepotent Sire

This is something that should influence you very largely in the selection of your herd bull and do not forget that Finderne Pride Fayne has a greater percentage of daughters in the 30-lb. class than has any of his noted ancestors which include such bulls as Hengerveld De Kol, Johanna Rue 3d's Lad, King Segis and King Fayne Segis. He is the direct result of three world champion cows having each been bred to a son of a world champion.

MEADOW-HOLM FARM
PETER SMALL
Chesterland, Ohio

BELL FARM
JOHN A. BELL, Jr.
Coraopolis, Pa.

MEADOW-HOLM FARM
H. B. GOODING
Tiffin, Ohio

(Always on page 54.)

March 15, 1920—Watertown, Wis., Sale Pavilion, Winkenwerder-Piper Dispersal.
March 16-17, 1920—Fond du Lac, Wis., Wisconsin Breeders Sale, S. H. Bird, Sec'y.
March 17, 1920—Beach City, Ohio, Walter & Regula Dispersal.
March 17, 1920—Lebanon, Pennsylvania, Frank W. Fernsler Dispersal.
March 17, 1920—Doylestown, Penn., Consignment and Dispersal Sale, W. M. Jones, Mgr.
March 17, 1920—Lebanon, Pennsylvania, Frank W. Fernsler Dispersal.
March 18, 1920—Chambersburg, Pa., 45 registered Holstein cattle—Jacob A. Gsell.
March 18, 1920—Chilton, Wis., Finnegan Bros. Dispersal, F. H. Everson Sale Mgr. Lake Mills, Wis.
March 18, 1920—Chilton, Wis., Finnegan Bros., Dispersal, F. H. Everson, Mgr., Lake Mills, Wis.
March 18, 1920—New Lenox, Ill., Sprague & Francis, Geo. C. Sprague, Sale Manager.
March 18 1920—Modesto, Cal., Modesto Breeders' Consignment Sale.
March 19, 1920—S. Omaha, Neb., C. E. Pearse Dispersion, Dwight Williams, Sale Mgr.
March 19, 1920—New Brunswick, N. J., Hunterdon Co. Holstein Breeders' Ass'n.
March 19-20, 1920—Bartlett Ill., S. P. Stevens annual sale Registered Holsteins, Fred Delles, Mgr., Bartlett, Ill.
March 23, 1920—Winchester, Va., J. S. Haldeman Dispersal.
March 23, 1920—Milan, Indiana, C. M. Bowers & Son.
March 23-24, 1920—Waterloo, Ia., Iowa Holstein Breeders' Sale, Chesley Jenness, Waterloo, Ia., Mgr.
March 24, 1920—Waukesha, Wis., Waukesha H.-F. Breeders' Purebred Bull Sale, W. L. Baird, Secretary.
March 24, 1920—Curryville, Pa., Blair Co., H.-F. Breeders' Fourth Consignment Sale., S. F. Zook, Curryville, Pa.
March 24-25—East Buffalo, N. Y., Broad Meadows Farms dispersal, Management, Alden Sale & Pedigree Co.
March 25, 1920—Sacramento, Cal., California Breeders' Guaranty Sale, C. L. Hughes, Mgr.
March 25, 1920—Evansville, Ind., Schmitt & Shafer.
March 25-26, 1920—Topeka, Kansas, State Association Sale, W. H. Mott, Mgr.
March 27, 1920—Canastota, N. Y., Taber & Brewster Dispersal sale.
March 27, 1920—Sedalia, Mo., Consignment Sale, C. M. Long, County Agent, (This is only a tentative date. Sale is not yet definitely determined.)
March 30, 1920—Spencer, Ohio, Harvey Ingraham Complete Dispersion.
March 30-31, 1920—Syracuse, N. Y., The 1920 Sale, E. M. Hastings Co., Mgr.
April 1, 1920—Marcy, N. Y., Mayhew Farms Dispersal.
April 1, 1920—Delano, Minn., F. H. Bauer, Dispersal Management, Minn., H. F. Breeders Ass'n.
April 1, 1920—Lansing, Mich., Maplecrest Farm herd dispersion, management Michigan H.-F. Breeders' Association, Albert E. Jenkins, secretary, Eagle, Michigan.
April 1, 1920—Hagersville, Ont., Norfolk Breeders' Club, W. H. Cherry, Mgr.
April 1, 1920—Coatesville, Pa., Rambo Bros.
April 2, 1920—Eamas, Pa., P. G. Lichtenwalner.
April 2, 1920—Walton, N. Y., E. E. Risley. Mr. Risley states that this is likely to be a two-day sale, holding same on April 2-3.
April 2, 1920—Galien, Mich., Pardee Bros. Dispersal.
April 2, 1920—Coopersburg, Pa., R. 2, Dispersal and Consignment, Mr. Russell Frantz Farm.
April 2-3, 1920—Brattleboro, Vt., Purebred Livestock Sales Co.
April 3 1920—Cicero, N. Y., dispersal Homecraft Herd, A. C. Fergerson, proprietor.
April 5-6, 1920—Watertown, Wis., Watertown Holstein Sales Co., F. Darcey, Secy.
April 7, 1920—Woodstock, Ont., Canada, J. B. Hanmer Dispersal.
April 7, 1920—Saginaw, Mich., Thos. Phoenix & Son Dispersion.
April 7, 1920—Savage, Minn., Minnesota Breeders Second Annual Guaranty Sale, Bertram Scott, Hotel Hastings, Minneapolis, Sec.
April 8-9, 1920—St. Paul, Minn., Hackney-Irwin Quality Sale.
April 8-9, 1920—Toronto, Can., Second Annual Canadian National, Gordon S. Gooderham, Pres.
April 10, 1920—Wales Center, N. Y., Elmer E. Baker.
April 12, 1920—Perry, Mich., John P. Olcott Dispersal, Albert E. Jenkins, Lansing, Mich., Sale Manager.
April 13, 14 and 15, 1920—Three days sale at Leavenworth, Kansas, W. J. O'Brien, Tonganoxie, Kansas, Sales Manager.
April 15, 1920—Rupert, Vt., P. B. Roberts Dispersal.
April 16, 1920—Dudley, Mass., Mrs. Lucy W. Babcock.
April 17, 1920—Millerton, N. Y., Harry Clark.
April 20, 1920—Lodi, Cal., Bonita Stock Farm.
April 20-21, 1920—Milwaukee State Fair Grounds, Mid-Annual Wisconsin State Sale, F. H. Everson, Mgr., Lake Mills, Wis.
April 21, 1920—Center Valley, Pa., Home Farm Sale.
April 22, 1920—Richmond, Va., Southern Holstein-Friesian Breeders' Association Quality Sale, W. L. Kirby, Manager.
April 22-23, 1920—Algonquin, Ill., R. E. Haeger's Annual Sale.
April 23, 1920—Mechanicsburg, Pa., Benningers 17th Consignment Sale, W. M. Benninger, Manager, Benninger, Pa.
April 26, 1920—Conneautville, Pa., W. H. Seward Dispersal.
April 27-28, 1920—Liverpool, N. Y., The Liverpool Sale and Pedigree Consignment Sale.
April 27-28, 1920—Los Angeles, Cal., Southern California Breeders' Consignment Sale.
April 28, 1920—Quakerstown, Pa., Wm. H. Walter Jr., Dispersal.
April 29, 1920,—Cazenovia, N. Y., R. D. Lee Dispersal.
April 29-30, 1920—Philadelphia, Pa., First National Brentwood Sale, W. G. Davidson, Mgr.
May 1, 1920—Port Byron, N. Y., Henry Jarvis.

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As the Leading Auctioneer
B. V. KELLEY
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Syracuse, New York

AUCTIONEER
A lifetime's experience with Holsteins and selling sales all over the United States and Canada. "That's Us." Perhaps we can make you a Dollar.
R. E. HAEGER
Algonquin Illinois

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The Auctioneers
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(for prompt delivery use office address)
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J. Eugene Ayer—A family, for three generations, experts on the breeding of Registered livestock. Search the whole country for his equal.
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Facts are Stubborn Things
Name to me a sale of really high class cattle where the management has not secured or tried to secure my services.
THERE'S A REASON
WIRE NOW FOR DATES TO
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LIVERPOOL, NEW YORK
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Wisconsin Live Wire in Holstein Sales
Write for Dates
THORP, WISCONSIN

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HOLSTEIN-FRIESIAN AUCTIONEER
For the Middle West
A broad acquaintance amongst the breeders.
10 years of successful experience selling for the best breeders of the Southwest.
Write or wire early for dates as I sell every day in sale season.
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Ear Tags
Bull Staff
and Rings
300,000 of these been sold without adverse criticism. Used by the best breeders in the business.

H. A. MOYER Syracuse, N. Y.

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Can take entire charge of your sale or assist in the box the day of the sale. Things done on time. Relieves you of work and worry.
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LAKE MILLS Wisconsin

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For your Holsteins with
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HERINGTON KANSAS

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Holstein Printing
We Serve Others, Why Not You?
The CORSE PRESS
Sandy Creek, N. Y.

The only specialist in farm signs and paintings of the dairy cow.
C.H.CHANDLER
Watertown, Wis.

May 1, 1920—Hatfield, Pa., Benningers 18th Consignment Sale, W. M. Benninger, Manager, Benninger, Pa.
May 4-5, 1920—Waukesha, Wis., Waukesha County Spring Sale.
May 5, 1920—Tulare, Cal., W. J. Higdon.
May 6, 1920—Tulare, Cal., Tulare Breeders Consignment.
May 7-8, 1920—Lincoln, Neb., Nebraska Holstein Breeders Sale, Auspices Lancaster County Association.
May 11, 1920—Grand Rapids, Mich., West Michigan Holstein Breeders' Annual Spring Guarantee Quality Sale, W. R. Harper, Sale Mgr.
May 11-12, 1920—Fond du Lac, Wis., Wisconsin Breeders Sale, S. H. Bird, Secy.
May 12, 1920—Ripon, Cal., Leman & Kilgore Dispersal.
May 13-14, 1920—Lake Mills, Wis., Lake Mills Breeders' Semi-annual sale, F. H. Everson, Mgr.
May 14-15, 1920—Cortland, N. Y., dissolution sale, Abbott & Clark Herd.
May 17, 1920—Cortland, N. Y., first annual sale, W. H. Mace.
May 17, 1920—Chippewa Falls, Wis., Chippewa Valley Holstein-Friesian Sales Association First Annual Sale, B. M. Arries, Augusta, Wis.
May 18, 1920—Newark Valley, N. Y., Reduction Sale, Jabez Smith & Son.
May 18, 1920—West Concord, Minn., Dodge Co. Breeders' Consignment Sale.
May 18-19, 1920—Manitowoc, Wis., Manitowoc Holstein Breeders' Sale, Chas. H. Hampke, Mgr.
May 19, 1920—Cortland, N. Y., W. H. Mace, 1st Annual Sale.
May 20, 1920—Marshfield, Wis., Central Wisconsin Breeders' 11th semi-annual sale, W. W. Clark, Sale, Mgr., Grand Rapids, Wis.
May 20, 1920—Elkhorn, Wis., Walworth County 5th Semi-Annual Sale.
May 27, 1920—Howell, Mich.—The Livingston County Holstein Breeders Sale Company Sixth Annual Sale.
May 27-28, 1920—East Orwell Ohio, A. W. Green's third annual sale, P. O. Middlefield, Ohio.
June 1-2, 1920—Brattleboro, Vt., Purebred Livestock Sales Co.
June 3-4-5, 1920—St. Paul, Minn., National Sale. Under auspices of Minnesota State Breeders.
June 9, 1920—Toronto, Ont., Jos. Kilgour.
June 10, 1920—Poughkeepsie, N. Y., J. B. Sisson's Sons.
June 10, 1920—Evansville, Wis., Alfakorn Farms, F. B. Green & Sons 5th Semi-Annual Sale.
June 26, 1920—Wingdale, N. Y., Thos H. Dyer.
August 3-4—Brattleboro, Vt., Purebred Livestock Sales Co.
Sept. 6, 1920—West Chester, Pa., Pennsylvania A. R. O. Dispersal, F. C. Brinton, Jr., Mgr.
September 15, 1920—Washington, Pa., Washington County Sale.
Sept. 17, 1920—Ottawa, Ont., Ottawa Valley Holstein Breeders' Club Sale, William R. Cummings, Cummings Bridge, Ont., secretary and manager.
October 5-6, 1920—Brattleboro, Vt., Purebred Livestock Sales Co.
Oct. 14, 1920—Grand Rapids, Mich., West Michigan Holstein Breeders' Annual Guarantee Quality Sale, W. R. Harper, Sale Mgr.
Oct. 26-27, 1920—Lake Mills, Wis., F. H. Everson, Mgr., Consignment Sale.
Nov. 11-12, 1920—Lincoln, Neb., Lancaster Co. Holstein Breeders Association.
Nov. 16-17, 1920—Hornell, N. Y., Alleghany-Steuben Co., Breeders Sale, L. S. & P. Co. Mgr.
Nov. 23-24, 1920—Watertown, Wis., Watertown Holstein Sale Co., F. Darcey, Sec'y.
December 7-8, 1920—Brattleboro, Vt., Purebred Livestock Sales Co.

THE MELVIN-AMOS SALE

A very successful sale was held at the Syracuse Sale Pavilion February 26-27 under the management of E. M. Hastings Company of Lacona, N. Y., known as the Melvin-Amos Midwinter Sale and comprising the entire herds of R. C. Melvin of Liverpool, N. Y. and Bert Stutsman, formerly of Indiana, with a splendid consignment from the herd of C. L. Amos of Syracuse, as well as a small consignment from Silas Godfrey of Pennellville, N. Y. The selling was done by auctioneers Kelley, Haeger and Lee, and the 144 animals sold including a large number of young calves, brought a total of $34225, or an average price per head of $238. Out-of-the-state buyers present were F. B. Green of Evansville, Wis., D. B. York of Troy, Pa.; F. C. Chamberlain of Mainsburg, Pa.; Coyne & O'Hearn, Dalton, Pa.; George F. Case, Troy, Pa.; George V. Warren, Albe, Pa.; John T. Donovan, and Angus P. Thorne, both of Bridgeport, Conn. Of the purchasers from within the state, one of the most important was Mrs. Laura Meyer, proprietor of Mayhew Farms at Marcy, N. Y., who took 17 head for a total of $4650. Mrs. Meyer paid $600 for Gilt Edge Pietje Queen, a 4-year-old heifer, and her young bull calf, and several others in her purchase were in the $400 class.

The top of the sale was Rosa Segis of Hilltop, purchased for $700 by John T. Donovan of Bridgeport, Conn. She was one of the Amos consignment, and carried over 43% of the same breeding as May Echo Sylvia, her dam and sire's dam both being very close in breeding to that world's champion milk producer. The other Connecticut buyer, Angus P. Thorne of Bridgeport, paid Mr. Amos $610 for a 2-year-old son of Pioneer Bessie, for whom a 40-lb. record has been reported. The second dam is a 30-lb. cow, and the sire's dam Finderne Pride Johanna Rue, was the first cow to make a yearly record of over 1400 lbs. butter, and is the largest yearly record cow now living. Mr. Melvin also received $610 from C. L. Amos for a 5-year-old daughter of a 31-lb. dam. Her sire and dam's sire are both good transmitting sons of King of the Pontiacs from large record dams. Mr. Stutsman, who moved his herd to Syracuse from Indiana for the sale, has purchased a farm in Manlius, N. Y., which he will restock with Holsteins. He purchased several head at the sale. Following is a detailed report showing all animals selling in the sale for $200 or over, with names and addresses of the buyers:

Cat.	Age	Animal	Purchaser	Address	Price
32	3	F P K Jasamine	Geo. F. Case	Troy, Pa.	$255
40	2	Ina Veeman of Hill.	Coyne & O'Hearn	Dalton, Pa.	210
25	2	Ina Pont. of Hill. 2d	Coyne & O'Hearn	Dalton, Pa.	210
109		Tehee Lilith Lady	Laura M. Meyer	Marcy, N. Y.	255
131	3	Orms. D K Prudie	Coyne & O'Hearn	Dalton, Pa.	225
140	6	Q. Art. Seg. Neth. D K	Coyne & O'Hearn	Dalton, Pa.	300
56	3	Duch. Col. Pietertje, D. B.	York		250
160	3	Bes. Seg. Beets Joh.	Coyne & O'Hearn	Dalton, Pa.	225
18	5	Lucky Col. Ormsby, C. S.	Ellis	Clay, N. Y.	265
89	4	Paula B. Girl D K, F. C.	Chamberlain	Mainesburg, Pa.	200
73	5	Lady Lilith Lyons, Geo. F.	Case	Troy, Pa.	200
117	8	Rideau May Korn., D. B.	York	Troy, Pa.	220

68	5	Princess Hetty Col., D. B. York, Troy, Pa.	310
4	5	Star. D K Jewel, D. B. York, Troy, Pa.	360
60	3	Anna D K Piet. Korn., David York, Troy, Pa.	240
119	3	Charlotte Burke D K, Laura M. Meyer, Marcy, N. Y.	255
138	8	Neth. Merc. Mink, Laura M. Meyer, Marcy, N. Y.	250
66	1	Lilith Bess Beauty, Bert Stutsman, Manlius, N. Y.	220
76	2	Paula Korn. Gerben, F. C. Chamberlain, Mainesburg, Pa.	280
152	1	Glenwood D K Ormsby, John T. Donovan, Bridgeport, Conn.	2b0
85	1	Lilith Paul. Glista, Geo. V. Warren, Alba., Pa.	24b
41	4	Alta Beets Pont., Frank Sotherden, Clay, N. Y.	200
54	4	Ilma Beets Pauline, Laura M. Meyer, Marcy, N. Y.	245
6	6	Paul. Waldorf Merc., Laura M. Meyer, Marcy, N. Y.	250
31	6	Nancy Wayne Merc., Silas Godfrey, Pennellville, N. Y.	350
97	3	Lilith Hamilton Beauty, Bert Stutsman, Manlius, N. Y.	275
88	7	Lilith Butter Girl, Bert Stutsman, Manlius, N. Y.	265
77	3	Lilith Princess, David York, Troy, Pa.	325
65	4	Betty Grey Ooster, David York, Troy, Pa.	325
93	4	Lilith Alma Walker, Laura M. Meyer, Marcy, N. Y.	305
13	3	Merc. Heng. Abbekerk, Frank Sotherden, Clay, N. Y.	260
43	2	Ware. Piet. Vale, Edw. Misner, Homer, N. Y.	300
17	5	Imp. Nellie Col., F. C. Chamberlain, Mainesburg, Pa.	235
2	3	Ware. Col. Piet., Edw. Misner, Homer, N. Y.	245
132	5	Rosa Segis of Hill., Jno. T. Donavan, Bridgeport, Conn.	700
112	2	Rosa Veeman of Hill., Geo. V. Warren, Alba, Pa.	200
134	3	Faforit Posch Korn., J. C. Eddy, Williamson, N. Y.	515
115	8	Queen D K Pont. Korn., Leon More, Lacona, N. Y.	470
37	3	Gilt Edge Pietje Queen—37-2 Bull Calf, Laura M. Meyer	600
22	10	Roxie May D K, Silas Godfrey, Pennellville, N. Y.	370
33	11	Fannie Har. Pohlcrest, Silas Godfrey, Pennellville, N. Y.	530
30	5	Princ. Leo Heng. Pont., David York, Troy, Pa.	460
51	4	Spring Crest Pont. Nancy, Laura M. Meyer, Marcy, N. Y.	490
64	2	Gerben Glista and calf, Geo. F. Case, Troy, Pa.	305
79	3	Lilith B. Girl Cloth., Geo. F. Case, Troy, Pa.	220
130	5	Pearl Linda Segis, Edw. Misner, Homer, N. Y.	255
21	9	Rose Piet. Paul., Abbott & Clark, Cortland, N. Y.	250
24	4	Elsie Korn. Posch, David York, Troy, Pa.	315
49	1	Fanny Find. Hartog, R. J. Stevens, Liverpool, N. Y.	390
69	6	Alma Queen Lilith, Bert Stutsman, Manlius, N. Y.	570
139	4	Korn. D K Mercedes, J. C. Eddy, Williamson, N. Y.	365
116	2	Merc. Buttercup D K, Ward Stevens, Liverpool, N. Y.	290
137	8	Bessie Helen D K, C. F. & F. J. Bigler, Sinclairville	280
158	4	Lois Pontiac, F. B. Green, Evansville, Wis.	415
8	5	Queen Cloth. Pont. Korn. 2d, Frank Sotherden, Clay, N. Y.	305
159	6	King Prilly Walk. Hartog, Stevens & More, Lacona	405
53	3	Francy D K Friend, David York, Troy, Pa.	300
150	1	Antrim Veeman Echo, F. B. Green, Evansville, Wis.	200
46	4	Dolly Abbekerk Posch, Frank Sotherden, Clay, N. Y.	330
27	8	Oaknole Pont. Bright, F. B. Green, Evansville, Wis.	410
141	1	Antrim Pride Bessie, Angue P. Thorne, Bridgeport, Ct.	610
113	1	Antrim Veeman Pietje, John T. Donovan, Bridgeport, Conn.	280
144	2	Antrim Veeman Wayne, F. B. Green, Evansville, Wis.	305
147	1	Antrim Veeman Piet., John T. Donovan, Bridgeport, Conn.	31[illegible]
95	4	Lilith Paul. Fayne, J. T. Donovan, Bridgeport, Conn.	215
81	2	Aaggie Tehee Butter Girl, Geo. F. Case, Troy, Pa.	230
63	1	Bull Dam Ag. Manor Korn., McCornock	425
26	10	Erna May D K, Pardee Bros., Cicero, N. Y.	280
29	5	Neth. Pont. Vale 2d, C. L. Amos, Syracuse	610
47	1	Joh. Pont. Bright, R. J. Stevens, Liverpool, N. Y.	390
28	4	Wadmantje Pont. 2d, Laura M. Meyer, Marcy, N. Y.	450
35	5	Belle Beets Posch, R. J. Stevens, Liverpool, N. Y.	345
16	6	Lulu Posch Echo, Laura M. Meyer, Marcy, N. Y.	250
45	4	Betsy D K Echo, Silas Godfrey, Pennellville, N. Y.	250
58	2	Corn. Pet Pontiac, D. B. York, Troy, Pa.	300
42	5	Lynfeld Lady Posch, Frank Sotherden, Clay, N. Y.	345
50	3	Pride Klarre D K Korn., D. York, Troy, Pa.	540
15	4	Bodora Ormsby D K, F. C. Chamberlain, Mainesburgh, Pa.	280
9	3	Juanita De Kol of Batterson, Laura M. Meyer, Marcy, N. Y.	275

144 animals sold $34,225.
Average $238.

THE STARK DISPERSAL

Some splendid Holsteins were placed on market in the C. A. Stark dispersal at Springville, Pa., February 18, when auctioneer George W. Baxter, of Elmira, sold 44 head for an average of $366 each, the sale total being $16,120. An average of just under $400 each was secured for 39 head. With the exception of half a dozen young calves and one old cow, everything in the sale brought $200 or over, the top price of $930 being paid by A. E. Robinson & Son of Montrose, Pa., for Aaggie Cornucopia Pauline Girl 2d, who has recently made a record of 31.87 lb. Her dam, who has a 25-lb. record, is out of a 31-lb. daughter of the first 34-lb. cow. Second high was Rag Apple Posch Pietertje, a young cow with a 20-lb. 2-year-old record that went to C. C. Dyer of Lewisburg, Pa., at $800. Her dam, with a 23-lb. record, made from 505 lb. milk, went to H. S. Johnson of Springville, for $550, Mr. Dyer also taking a maternal sister to the 20-lb. 2-year-old at $570. D. Q. Adams of Mifflintown, Pa., paid $700 for a 23-lb. cow with a milk record of 580 lb., and several others in the sale brought from $500 to $685 each. Following is a detailed report showing all of the animals selling for $200 or over.

C. A. Stark Dispersal Sale, Springville, Pa., Feb. 18, 1920

1	Aaggie Cornucopia Pauline Girl 2d, 9 yrs., A. E. Robinson & Son, Montrose, Pa.	$930
2	Lilith Cornucopia Pauline Girl, 7 yrs., J. G. Kerrick, Towanda, Pa.	400
3	Female, 1 yr., W. A. Lathrop, Montrose, Pa.	600
4½	Heifer calf, Lathrop Est., Montrose, Pa.	200
5	Female, 4 yrs., C. C. Dyer, Lewisburg, Pa.	330
6	Female, 2 yrs., Francis L. Donlin, S. Montrose, Pa.	220
7	Neta Cornucopia De Kol 4th, 7 yrs., H. L. Johnson, Springville, Pa.	360
8	Female, 1 yr., W. A. Lathrop, Montrose, Pa.	230
9	Pietje Daisy, 11 yrs., Alex Murdock & Son, Wyoming, Pa.	400
10	Female, 3 yrs., L. B. Johnson, Springville, Pa.	360
11	Pietje Mechthilde De Kol, 11 yrs., Anson Ball, Factoryville, Pa.	335
12	Pietje Butter King Bess, 9 yrs., Otto Harvey, Tunkhannock, Pa.	430
13	Pietje Hengerveld Hartje, 5 yrs., Alex Murdock & Son, Wyoming, Pa.	515
14	Female, 4 yrs., D. Q. Adams, Mifflentown, Pa.	450
15	Female, 2 yrs., W. A. Lathrop, Montrose, Pa.	210
16	Female, 3 yrs., H. L. Johnson, Springville, Pa.	350
17	Female, 1 yr., Lathrop Est., Montrose, Pa.	230
19	Amleto Hengerveld Hartje, 5 yrs., C. C. Dyer, Lewisburg, Pa.	400
20	De Kol Keystone Darcas Hengerveld, 5 yrs., H. C. Lake, S. Montrose, Pa.	685

BLUE BOOK

To Make a Real Success of His Business a Holstein-Friesian Breeder Must Have the Blue Book.

Do you want to succeed in the business of breeding Holsteins? If you do you need the Blue Book. Do you wish to aid in the improvement of the greatest dairy breed on earth? If you do, you must have the Blue Book. All experienced breeders consider the book indispensable in tracing the breeding and relationship of Advanced Registry animals, and no other kind should head your herd.

The 29th volume is now in course of distribution, and contains 1,373 pages of condensed information, relating to Holstein-Friesian cattle. The official name of the book is the Advanced Register Year Book, and the price of the 29th volume is $2.25 per copy. We have yet a very few copies of the 24th volume and a limited supply of volumes 25, 26, 27 and 28. These back volumes, except the 28th, may be had at $2.00 per copy while they last. The price of the 28th volume is $2.25 per copy. Order for the 29th volume now, and keep your Blue Book files complete. Send all applications with price to

M. H. GARDNER, Supt. A. R.
Delavan, Wis.

DEPENDABLE 40-LB. BRED BULL

From a Clean Herd **$385** Delivered with 100% satisfaction

No. 30-K. Born Sept. 25, 1919. About 2-3 black, but attractively marked, well grown, straight back and square butt, and all bull—in every way a nice one.

Sire—The richly bred bull, with world's record backing, Great Peter, a son of the great 42-lb. cow, Tietje Queen De Kol, with three A. R. O. daughters (all above 31 lbs. as heifers) including a 43-lb. 4-year-old and the world's record two-year-old, Glen Alex Queen De Kol (42.36; milk 603.80 lbs).

Dam—A 25-lb. 3-year-old daughter of the 41-lb. bull King Korndyke Sadie Vale. The only 40-lb. bull to have a 40-lb. daughter; is brother to the first 40-lb. heifer. The next dam is a 21-lb. daughter of the famous century sire, Sir Veeman Hengerveld; 17 of his 115 A. R. O. daughters are above 30 lbs.

Please understand that the sire of this bred-in-the-purple bull calf is by Sir Pontiac Korndyke, whose three A. R. O. daughters include two heifers with records from 42 lbs. to 43 lbs. including the world's record two-year-old.

Make a survey of the entire Holstein world and see where you are able to secure the breeding tied up in this one for the money asked—$385 at present age delivered to any point east of the Mississippi, tuberculin tested, all papers, 100% satisfaction.

BROADHURST HOLSTEIN FARM
Morrisville, N. Y.
"Which is in Madison County."

EXPERIENCED HOLSTEIN

and hog man to handle 120 acres, fifty tillable, with eleven A. R. O. Holsteins, ten heifers, small herd of Durocs. Must be good worker, neat and agreeable.

Wife to be neat housekeeper. Would consider party with son for second helper. House, milk, garden, potatoes. Not later than April 1st. State wages expected in first letter.

W R D
%Holstein-Friesian World
Syracuse, N. Y.

Registered Holstein Bull

14 months old, well grown, good type, sired by a 32-lb. grandson of Pontiac Korndyke. Dam a 20-lb. 3-year-old daughter of a 34-lb. sire. Price and pedigree on request.

W. V. GANZ
Lyons Wisconsin

ENSIGN KORNDYKE VEEMAN

Our herd sire, a two-year-old son of

King Korndyke Sadie Vale

with six 30-lb. daughters, one over 40-lbs. and distinguished as the only sire in the world with a 40-lb. dam, 40-lb. daughter and 40-lb. sister.

The dam is

Isabelle Pontiac Veeman

Butter 7 days 80.73
Butter 30 days 124.1

She is from Pleasant Hill Lucy Veeman, a senior two-year-old daughter of Sir Veeman Hengerveld with 25.27 lbs. butter from 587 lbs. milk in 7 days and 100.09 lbs. butter from 2436 lbs. milk in a month.

The five nearest dams of Ensign Pontiac Veeman average
Butter 7 days 32.97

We have for sale several choice sons of Ensign Pontiac Veeman from A. R. O. dams. These youngsters are nicely marked choice individuals, and reasonably priced.

E. E. CLARKE

Andover New York

Registered Holstein Friesians

I will sell my entire herd of Holsteins consisting of nine head, ranging in age from five weeks to five years old.

There are five granddaughters of Hillside Sir Lyons, a 31-lb. grandson of Colantha Johanna Lad, two granddaughters of Uilkje Homestead Sarcastic Lad, a 35.71 lb. bull, one great-granddaughter of Sir Sadie Cornucopia, one granddaughter of Dutchland Sir Lyons Hengerveld, a 33-lb. son of Colantha Johanna Lad.

All but two are bred to either a grandson of Colantha Johanna Lad or a grandson of King of the Pontiacs. Both sires are out of a 27-lb. daughter of Woodcrest Pietje.

If interested write, or better still, come and see them.

OLIVER F. ELLSWORTH
Dallas Pa.

Advertise in the
Holstein-Friesian World

21	Female, 2 yrs., W. A. Lathrop, Montrose, Pa.	325
23	Posch Pietertje Mechthilde 2d, 7 yrs., H. S. Johnson, Springville, Pa.	550
23½	Female, Lathrop Est., Montrose, Pa.	210
24	Rag Apple Posch Pietertje, 4 yrs., C. C. Dyer, Lewisburg, Pa.	300
25	Pietertje Alcartra Mechthilde, 4 yrs., C. C. Dyer, Lewisburg, Pa.	570
28	Lilith Rachel Pietertje, 6 yrs., D. Q. Adams, Mifflintown, Pa.	400
29	Pietje Lilith Clyde, 6 yrs., Max Gregory, Dimock, Pa.	400
30	Female, 4 yrs., H. L. Johnson, Springville, Pa.	360
32	Lilith Artis Pietje Climax 2d, 4 yrs., C. C. Dyer, Lewisburg, Pa.	375
35	Korndyke Artis Peggie, 8 yrs., John F. Dean, Nicholson, Pa.	340
36	Winkje Princess De Kol 4th, 6 yrs., D. Q. Adams, Mifflintown, Pa.	700
37	Lady Pauline Johanna De Kol, 5 yrs., C. O. Button, Springville, Pa.	370
38	Retha Korndyke De Kol Veeman, 4 yrs., E. A. Smith, Hop Bottom, Pa.	300
39	Glad Nora, 3 yrs., W. B. Jayne, Meshoppen, Pa.	305
40	Pet Pietje Korndyke De Kol, 4 yrs., H. L. Johnson, Springville, Pa.	365
41	Thelma Hilda Korndyke Artis, 4 yrs., C. C. Dyer, Lewisburg, Pa.	405
42	Duchess Kolkluff, 3 yrs., E. A. Smith, Hop Bottom, Pa.	285
43	Female, 2 yrs., H. L. Hollister, Fairdale, Pa.	325
45	Kolkluff Gem 2d, 6 yrs., W. B. Jayne, Meshoppen, Pa.	310

NEALE DISPERSION AVERAGES $407.25

Although severely handicapped by the influenza epidemic, the dispersion sale of the A. S. Neale herd at Manhattan, Kansas, February 5-6, was an outstanding success. 135 head of all ages brought a total of $55,000, or an average of $407.25 per head. Bidders were present from 15 states, although the local attendance of Kansas breeders was below expectations, doubtless due to the influenza epidemic that was raging at the time, and which made it necessary to announce just before the sale, the cancellation of the short-course agricultural meetings at the college. The top price for the sale was $1850, for Model Segis Erica, a 7-year-old daughter of the noted 35-lb. cow, Glista Erica. She was purchased by O. H. Wathen, Jeffersonville, Ind. Second highest price was for Glista Erica herself, now 10 years old, she being purchased for $1350 by Collins & Barnhorn, Sabetha, Kan. Glista Fidelia, a 5-year-old, was also taken by Mr. Wathen, at $1300, while the 11-months-old heifer, Model Segis Glista Fidelia, went to the same purchaser at $1200. The Glista Erica family consisting of the 10-year-old foundation cow and her four daughters, sold for a total of exactly $7000. The top price for young bulls was $950 paid by J. M. White, Topeka, Kan., for King Segis Model Butter Boy, an 11-months-old son of Mr. Neale's famous herd bull, Lakeside King Segis Alban De Kol, well-known son of King Segis, that formerly stood at the head of E. A. Powell's Lakeside herd. Mr. Neale sold practically his entire herd, reserving only the herd bull mentioned just above, and one young son of that famous sire. The herd was sold by Mr. Neale for the purpose of making a partnership arrangement with his son, and to provide for other business readjustments requiring his own time in the East for the present. Selling was done by Colonels Haeger, Mack, Ball, Newcom, and Brady, with S. T. Wood in the box. Purchasers included: Jones & Young, Manhattan, Kansas; Everett Hays, Manhattan, Kansas; White & Wood, Topeka, Kansas; W. H. Mott, Herington, Kansas; Fred Pabst, Oconomowoc, Wis.; Williams & Ferril, Seneca, Kansas; C. E. Wood, Topeka, Kansas; Allen M. Bair, Soldier, Kansas; Al. Seaborn, Manhattan, Kansas; E. L. Kerr, Mt. Sterling, Ia; Collins & Barnhorn, Sabetha, Kansas; O. H. Wathen, Jeffersonville, Ind.; Sen. F. L. Martin, Hutchinson, Kansas; Will Crenshaw, Harper, Kansas; G. F. Leeman, Watertown, Wis.; J. A. Engle, Talmage, Kansas; C. L. Clayton, Wakefield, Kansas; Frank Bongartz, Ellis, Kansas; Barrett S. Smith, Edmonds, Okla.; Milton Williams, Seneca, Kansas; F. S. Hackney, Wellington, Kansas; A. S. Alferman, Olathe, Kansas.

GLISSMAN'S SALE AVERAGES $237.75

A belated report from H. C. Glissman's sale at South Omaha, Neb., January 27, shows that 59 head were sold at an average of $237.75. Prices ruled satisfactory throughout, although there were no sensationally high tops. There was quite a bit of young stuff in the sale, and most of them were in rather thin condition. 51 females averaged $242.60.

RECTOR—BAILIE SALE AVERAGES $226

The dispersion sale of purebred Holsteins owned by Fred J. Rector and Joseph G. Bailie, Preston, Wis., resulted in an average of $226 per head for the animals of all ages including a number of young bull calves, 52 head in all. The top price of the sale was $505 for Floss Johanna Bonheur 2d, who was purchased by H. F. Kreul of Fennimore, Wis. The herd sire, King Segis Pontiac Gem Hengerveld, was a close second, being taken at $500 by M. Allen of Livingston, Wis. No less than 13 head brought $300 or over. By eliminating a half dozen young bull calves that brought from $35 to $70 each, the average for the remaining 46 head of purebreds would be practically $250 each, which is a splendid average. Bob Haeger did the selling. Following is a list of the purchasers in the sale: M. Allen, Livingston; Jos. G. Bailie, Lancaster; H. P. Rice, Boscobel; Anson Rice, Boscobel; Geo. A. Allen, Livingston; H. F. Kreul, Fennimore; Will Brown, Mineral Point; F. K. Burg, Fennimore; A. Knuteson, Livingston; F. J. Rector, Fennimore; Chris Maier, Fennimore; Harvey Ellis, Stitzer; W. L. Searles, Boscobel; C. G. Roberts, Belmont; Roy Roberts, Belmont; W. Weinbrenner, Stitzer, L. Wagner, Livingston; F. E. Dvorak, Stitzer; Frank Ellis, Bridgeport; J. F. Morse, Mt. Hope; F. Dempsey, Fennimore; F. Dempsey, Boscobel; Abe Smith, Lancaster; A. Knuteson, Livingston.

THE WHITE DISPERSAL

By G. N. Angell

After 11 years in the business of breeding Holsteins, W. A. White of Sunnyside, Wash., disposed of 23 head, the last of his herd, in a farm sale February 26, and will devote his alfalfa ranch to the production of pure bred Lincoln and Rambouillet bucks. Jettine De Kol Alban 65922, the foundation

cow of his herd, was purchased in January, 1909, for $50 and dropped a heifer calf in each of four successive years. Records of her progeny show that up to October, 1918, when Mr. White disposed of his older breeding stock, there had been 26 heifers and 26 bulls, descendants of "Jettine". One of her granddaughters went to found the Nevada State Penitentiary herd, and the 1918 and 1919 calf crops were included in the recent dispersal.

Nineteen females brought $4,640, an average of $245 per head. Most of the older ones were sired by Sir Ormsby Burke Segis 11th, a grandson of King Segis. The 3-year-old herd sire, Sir Maldeta Fobes, brought only $90 though he is a grandson of Mutual Fobes Longfield De Kol and out of a 20-lb. junior 3-year-old. A young grandson of Chimacum Wayne Boon went for $65. The heaviest buyer was E. B. Marks of Yakima, who gave $1,135 for five head, mostly daughters of Sir Ormsby. C. G. Sprong of Grandview gave $970 for five head, including three heifer calves. Attorney S. E. Chaffee of Sunnyside bid in four for $885, and John Heffron of the same place gave $575 for two. Cornell & Jones of Grandview, who are just starting a pure bred herd, topped the sale with $375 for Jettine Segis Alban Burke, a 4-year-old which looks good for a 30-lb. record. Stanley Butchart of Granger, who last fall sold his entire herd to a California breeder, and who is building up again with the intention of showing in the fair circuit this fall, bought for $310 a full sister to the junior champion bull which he exhibited in 1919. F. R. Noble of Granger, C. P. Jorgenson of Grandview, Otto Lepper of Mabton and W. M. Carr of Sunnyside were the other purchasers. All of the animals will remain in the Yakima valley.

The sales at $150 or over are listed as follows:

Locust Dinah Segis 476965, John Heffron, Sunnyside	$275
Unnamed heifer, John Heffron, Sunnyside	300
Locust Dinah Segis 2nd, E. B. Marks, Yakima	250
Unnamed heifer, E. B. Marks, Yakima	260
Ruby De Kol Burke Segis 476964, E. B. Marks, Yakima	350
Jettine Cornucopia Segis 469244, E. B. Marks, Yakima	275
Unnamed heifer, S. E. Chaffee, Sunnyside	205
Unnamed heifer, S. E. Chaffee, Sunnyside	200
Unnamed heifer, S. E. Chaffee, Sunnyside	255
Unnamed heifer, S. E. Chaffee, Sunnyside	225
Jettine Segis Alban Burke 476963, Cornell & Jones, Grandview	375
Unnamed heifer, C. G. Sprong, Grandview	290
Unnamed heifer, C. G. Sprong, Grandview	280
Cornucopia Burke Segis 527490, F. R. Noble, Granger	300
Jettine Alban Burke Segis 471003, S. V. Butchart, Granger	310

SNYDER SALE AVERAGES $235

The dispersal of the purebred Holstein herd of F. M. Snyder near Marion, Ia., about March 1, resulted in an average of $234.73 per head for 19 animals, and a total of $4460. Six of the 19 animals were young calves. The noteworthy feature of the sale was the cow Marion Lady, who was sold together with six daughters and six granddaughters, the 13 head bringing a total of $3310. Top price for the sale was $500, paid by F. S. Miller of Waterloo, Ia. H. Stockert took three good ones at $400, $350 and $285. F. M. Edgerton of Gibson, Ia., paid $325 for one cow, while F. M. Davis of Cedar Rapids, Ia., took a $410 cow.

LANCASTER COUNTY SALE MAY 7 AND 8

J. E. Palm, secretary-treasurer of the Lancaster County Holstein Breeders Association, Nebraska, ask us to inform our readers that the dates given in their advertisement for their annual sale should be May 7 and 8 instead of May 6 and 7. The sale will be held at the Nebraska State Fair Grounds at Lincoln, and will be a decidedly high class.

The "Pontiac" Herd

"Where the Champions Come From"

Offers bull calves, registered, in prices ranging from $75 and up, containing the blood of Pontiac Korndyke, Hengerveld De Kol, Pontiac Dutchland or Admiral Walker Pietertje.

Home of Pontiac Irene No. 351698, senior champion 2-year-old of the world, producing 1102 lbs. butter from 25324 lbs. milk in 365 days.

Also Pontiac Virginia No. 138246, Champion milch cow of Michigan, producing

Milk	1 day	118 lbs.
Milk	7 days	796 lbs.
Milk	30 days	3316 lbs.
Milk	100 days	10108 lbs.

PONTIAC STATE HOSPITAL

E. H. HALSEY, Steward Pontiac, Mich.

JAPANESE BUYER ON THE WAY

A news dispatch from Cuba, N. Y., advises that Louis H. Moulton, secretary of the Cuba Holstein association, has recently received a letter indicating that Allegany county's fame as a dairy center has spread far and wide. It is from R. Iwanami, of the Far Eastern Condensed Milk company, with head offices at Tokio, Japan. The writer says he will visit America in May for the purpose of buying Holstein cattle, and will be glad to look over the stock in this section. He indicates that his company deals in the "kimboshi," "kinshi" and "kinsen" grades of milk— whatever that may be.

Mr. Moulton has already had some experience in selling cattle to foreigners, having, while superintendent of the Cleveland City Farms, sold the first carload of Holsteins exported from this country to France.

BRITAIN WILL IMPORT CANADIAN HOLSTEINS

A shipment of Canadian Holsteins is to be sent to England according to a report appearing in a recent issue of the Toronto Mail & Empire. With the exception of an importation from Holland by special permit, no live animals are allowed to be brought into Great Britain. The reason for this stringent ruling is given as fear of infection from disease, but the matter of competition with her own breeders may have something to do with it. According to this report, it is recognized that fresh Friesian blood is needed to maintain the breed in Great Britain, and as importatons from Holland are out of the question at this time on account of embargoes and the foot and mouth disease outbreak, it is planned to bring over a shipment of Canadian Holsteins to be allowed under specific conditions taken to safeguard against the introduction of any disease. A further provision will be made calling for 2000 gallon capacity on every cow imported.

I Want to Sell

Fourteen dandy 2-year-old heifers. Well grown, good individuals, six fresh, remainder due in March and April. Four bred to 34-lb. bull.

Priced right.

H. T. PRICE

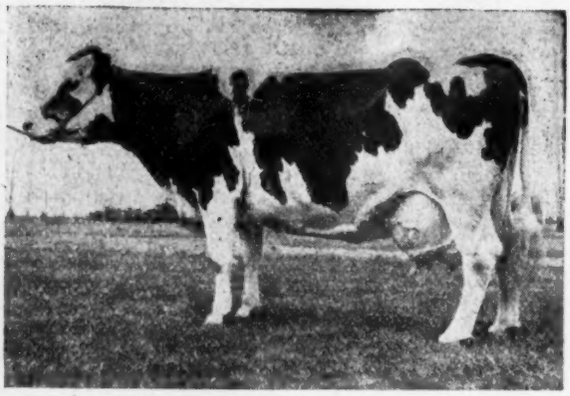
Liverpool New York

Purebred Cows Wanted

on share plan. Can arrange agreeable terms and guarantee results and satisfaction.

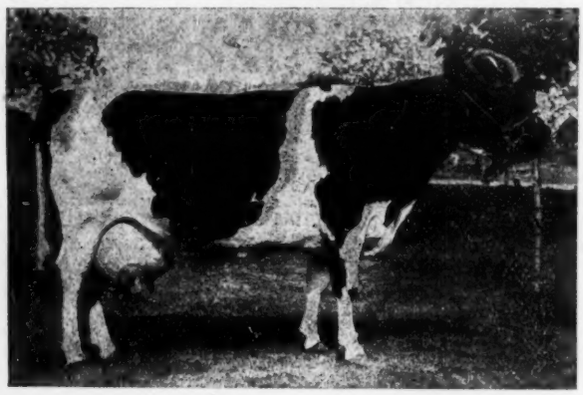
Box W. O. T.

%Holstein-Friesian World
Syracuse, N. Y.



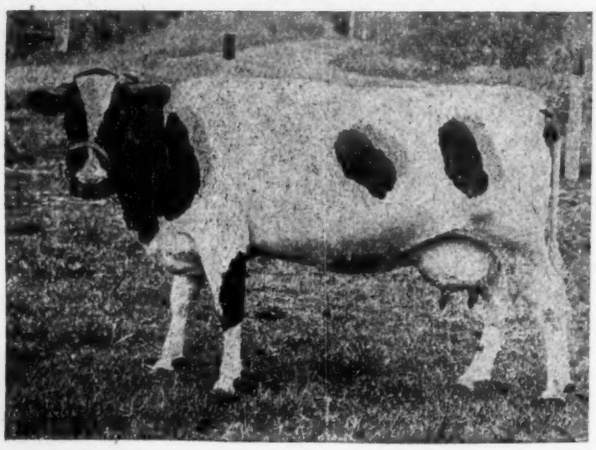
SPRING BROOK BESS BURKE
Butter 7 days 34.81
Butter 365 days 1094.16

Dam of Sir Pietertje Ormsby Mercedes 41st, and of 3 cows with records above 1000 lbs. in 1 year.



WISCONSIN BESS PIEBE LAURA
Butter 29.63
Milk 528.0
Butter 1 yr. (14 yrs). 667.0

Dam of Piebe Laura Ollie Homestead King, the only sire of 5 20,000-lb. 2-year-old daughters.

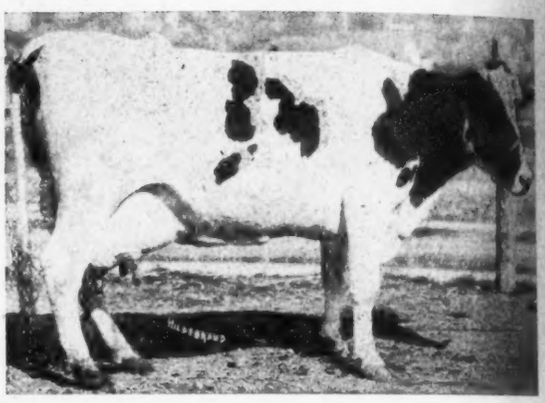


LADY HENDRIEKJE DE KOL 3d (3 yrs.)
Butter 7 days 32.90
Butter 1 yr. 966.72

Daughter of King Segis Pontiac Count and dam of King Hendriekje Piebe. King Hendriekje Piebe will be sold.

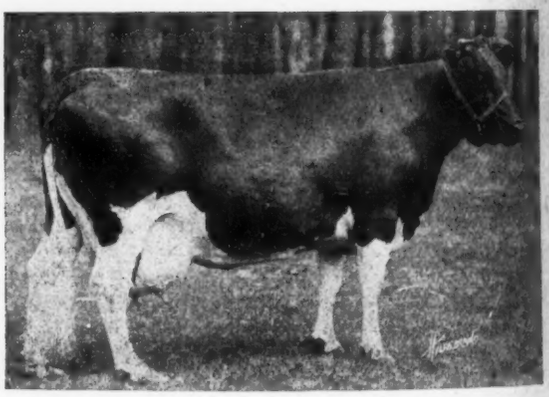
The Sons of These Famous Co

IRWIN-HACKNE



K. P. LILITH CLOTHILDE (4 yrs).
Butter 29.04
Butter 1 yr. 1043.27

Dam of King Segis Pontiac Count, King Segis Pontiac Superior and King Lilith Pontiac Segis.



MISS KORNDYKE AKKRUMMER ORMSBY
Butter 39.56
Milk 620.9
(Now making a great year record).

Dam of Sir Ormsby Akkrummer Hengerveld.

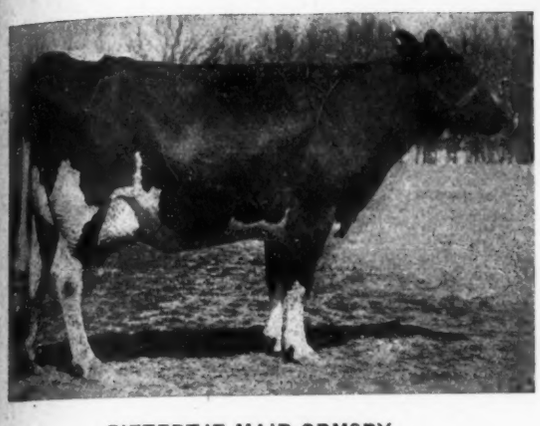
April
8th & 9th

Minnesota Breeders
Headquarters, Both
MINN

For
Minnesota Holstein
406 Market Bank Bldg.

Will Have Sons, and Daughters

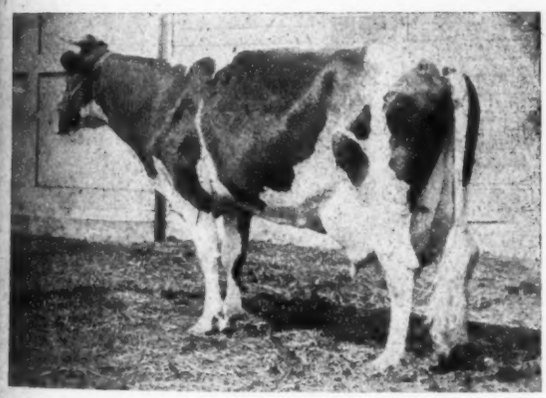
QUALITY SALE



PIETERTJE MAID ORMSBY

Butter 7 days 35.56
Butter 30 days 145.66
(Former world's record).

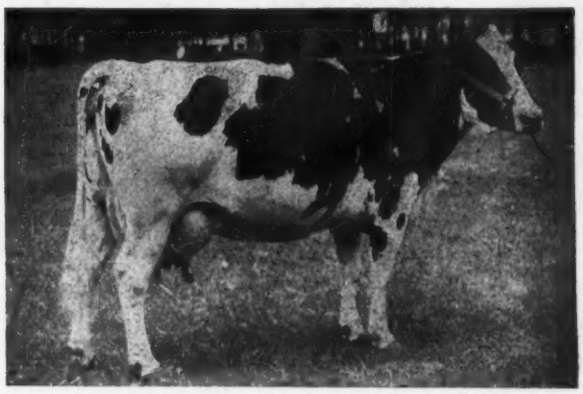
Dam of **Sir Pietertje Ormsby Mercedes** and of **Sir Ormsby Hengerveld Korndyke.** Both have daughters in the sale.



MISS KORNDYKE MAID ORMSBY

Butter 30.74
Butter 30 days 128.9
Butter 1 year 1255.62

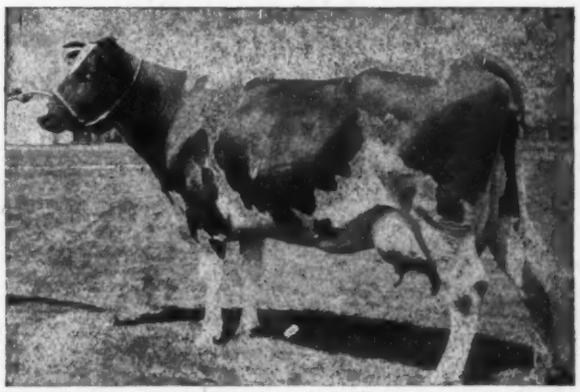
Daughter of **Pietertje Maid Ormsby** and dam of **King Korndyke Colantha Ormsby.**



DUCHESS SKYLARK ORMSBY

Butter 34.56
Butter 1 yr. 1506.36
(Champion long distance cow).

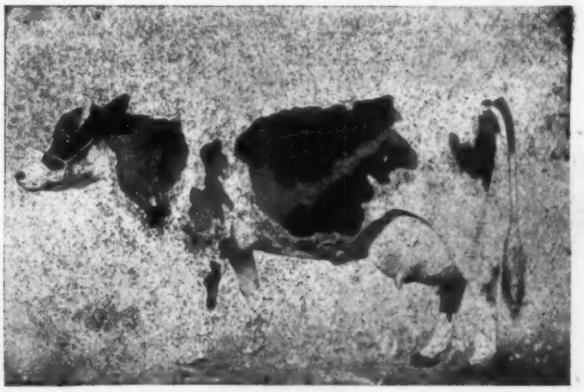
Dam of **Sir Ormsby Banostine Champion.**



GLEN CANARY DE KOL (3 yrs).

Butter 34.59
Butter 30 days 139.84
(Former world champion for both 7 and 30 days).

Dam of **Sir Pietertje Ormsby Mercedes 38th** and of **Glen Canary De Kol 2d.** 1323 lbs. at 4 years.



COLANTHA 4th JOHANNA

Butter 35.22
Butter 30 days 138.54
Butter 1 yr. 1247.02
(World's record at the time made.)

Dam of **Colantha Johanna Champion.**

Annual Guaranty Sale
7th
..., Hotel Radisson
POLIS

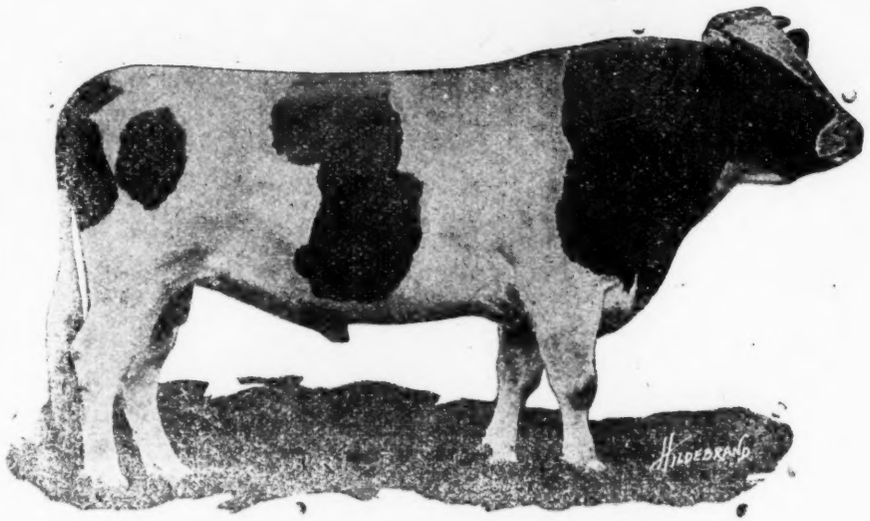
Minn. State
Fair Grounds

Catalogs
Breeders Association
Minneapolis

MINNESOTA HOLSTEINS

NO—COUNT IS NOT DEAD

Come and See Him



KING SEGIS PONTIAC COUNT

He Is Very Much Alive

His blood will dominate our offering in the Hackney-Irwin Quality Sale as will be seen from the outline on the opposite page.

APRIL 8-9, 1920

St. Paul, Minnesota

Hackney-Irwin Quality Sale

Just a few of the attractions from

Arden Farms

Two daughters of King Segis Pontiac Count.
FORTY granddaughters of King Segis Pontiac Count.
Eight to ten cows bred to King Segis Pontiac Count.
Two daughters of Sir Ormbsy Hengerveld Korndyke.
Two daughters of Piebe Laura Ollie Homestead King.
Several good ones bred to Piebe Laura Ollie Homestead King.

We want you to bear these **And two wonderful bulls**

Please mention the Holstein-Friesian World when writing to our advertisers

His blood will dominate our offering in the Hackney-Irwin Quality Sale as will be seen from the outline on the opposite page.

Several good ones bred to Piebe Laura Ollie Homestead King.

We want you to bear these facts in mind

The daughters of King Segis Pontiac Count hold as many world's records in the regular prize divisions as the daughters of any two other sires in the world (6).

His daughters have won more prize money from the National Association in the past four years than the daughters of any other sire ever won in four consecutive years.

In the four years that his daughters have been making records they have won more first prizes than any other sire has won in a life time.

His daughters excel for milk as well as butter in both long-time and short-time test.

He is truly "The Marvel of All Sires," and his blood is certain to grow more and more valuable as his daughters and granddaughters continue on their careers of record breaking.

And two wonderful bulls

1—**King Hendriekje Piebe**—son of Piebe Laura Ollie Homestead King from one of the greatest 32-lb. daughters of "Count."

2—**Sir Lola Pontiac Segis Ormsby**—son of our great Ormsby bull the only living son of Pietertje Maid Ormsby and from Lola Pontiac Segis—the highest milk record daughter of Count—American Champion junior 4-year-old, 34.13 bs. butter, 772.8 lbs. milk in 7 days—over 1000 lbs. butter and 24,000 lbs. milk in a year. At 5 years old she has three 7-day records each above 32 lbs.

This is one of the best bulls we have ever bred

We are also consigning six other splendidly bred young bulls that would add standing to almost any herd. Altogether we will consign about 80 head—20 of them top notchers from Arden Farms.

Mr. Irwin is also consigning about 80 head—some of his best stuff including several cows bred to Count's full brother, King Lilith Pontiac Segis. Several bred to King Korndyke Colantha Ormsby, Sir Ormsby Hengerveld Korndyke and Sir Ormsby Banostine Champion, his son of the only 1500-lb. cow.

Watch Our Adv. In Next Issue — Some Startling Announcements Coming

J. M. HACKNEY ARDEN FARMS ST. PAUL, MINN.

Woodlake and

John B. Irwin, Owner

"The Hom

— Con

Pietertje Maid Ormsby

To the

Minnesota Breeders' 2d Annual Guaranty Sale Savage

April 7th

A Daughter of

Sir Ormsby Banostine Champion

The son of Duchess Skylark Ormsby. Her dam is from Miss Korndyke Maid Ormsby, 1255-lb. daughter of Pietertje Maid Ormsby. Her two grandams average over 1382 lb. of butter for the year. Bred to the son of Pietertje Maid Ormsby.

3 Great Daughters of

Sir Pietertje Ormsby Mercedes 41st

Two of them bred to the son of Pietertje Maid Ormsby; one due 10 days after the sale.

A Daughter of

Sir Pietertje Ormsby Mercedes 38th

Son of the former 3-year-old champion, Glen Canary De Kol sister to Spring Brook Bess Burke 2d. "38th" is full brother to Glen Canary De Kol 2d, 1323 lb. at 4 years.

A Son of

Buffalo Maid and Sir Ormsby Banostine Champion

Buffalo Maid is 30-lb., 907-lb. maternal sister of Pietertje Maid Ormsby and sired by Canary Mercedes Paul.

Three Days In Minn

Clover Farms

of the Ormsbys" Minneapolis

ign —

To the

Irwin - Hackney Quality Sale Minnesota State Fair Grounds

April 8th - 9th

Duchess Skylark Ormsby

Great
In
esota

Daughters and Granddaughters of

Sir Ormsby Banostine Champion, the son of the World's Champion, Duchess Skylark Ormsby.

Sir Ormsby Hengerveld Korndyke, son of the famous foundation cow, Pietertje Maid Ormsby.

King Korndyke Colantha Ormsby, son of Miss Korndyke Maid Ormsby, 1255-lb. daughter of Pietertje Maid Ormsby. His sire is from Colantha 4th's Johanna.

Sir Ormsby Akkrummer Hengerveld, son of the 39-lb. Miss Korndyke Akkrummer Ormsby (now on yearly test) and Sir Ormsby Banostine Champion.

These 4 Sires Were All Born and Developed at Woodlake and Clover Farms.

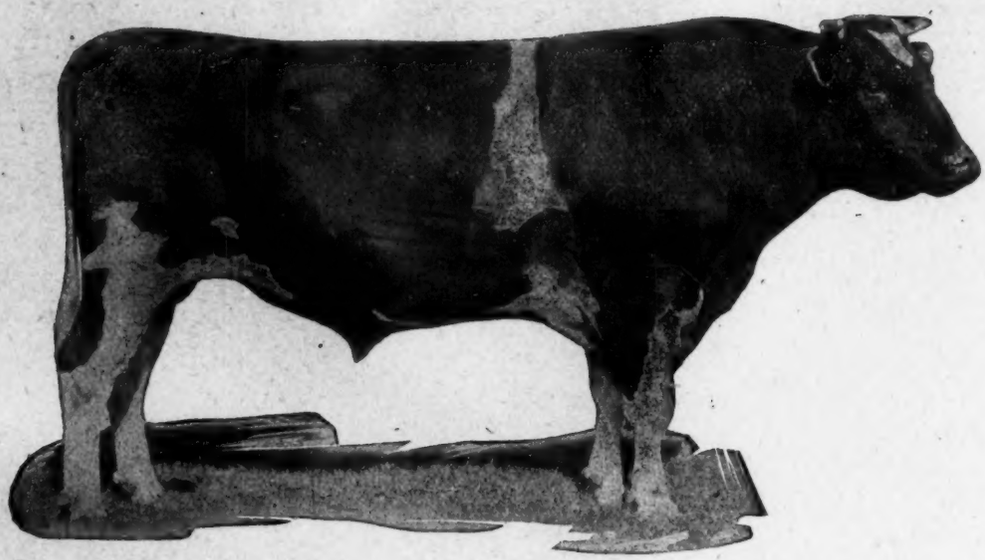
Sir Pietertje Ormsby Mercedes 41st—10 beautiful daughters, some bred to Sir Ormsby Hengerveld Korndyke; others to Sir Ormsby Akkrummer Hengerveld.

Sir Pietertje Ormsby Mercedes 38th, two daughters from great Johanna dams.

Colantha Johanna Champion, the son of Colantha 4th's Johanna.

WATCH NEXT ISSUE

PIEBE LAURA OLLIE HOMESTEAD KING



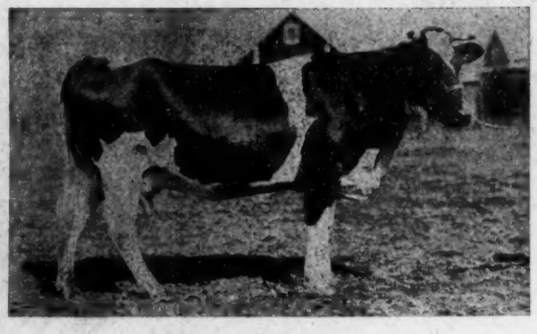
The only sire in the world with four 20,000-lb. two-year-old daughters.

The only sire in the world having 7 daughters who average over 20,000 milk as 2-year-olds.

We have at the present time some wonderfully attractive young sons of Piebe Laura Ollie Homestead King from dams of the right type, that have made and are now making good year records. If you get one of his sons now you will have a bull that is bound to more than double in value within the next few months. Piebe Laura Ollie Homestead King is the real sensation of the younger sires.

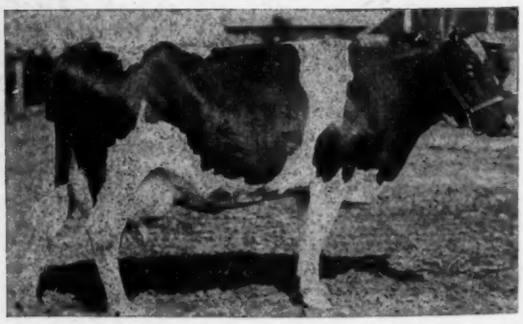
Two Young Service Bulls For Sale

We have sons of each of these beautiful cows sired by King Segis Pontiac Superior, A FULL BROTHER to King Segis Pontiac Count.



Far Oaks Violet Ormsby

This heifer won first prize junior yearling at the Minnesota State Fair, has a three-year-old record of 17.52 lbs. from 579 lbs. milk. She is sired by a son of Sir Ormsby Hengerveld De Kol from a 26-lb. dam with a good year record.



Pride Merelle of Hollander

This cow made 22.2 lbs. butter from 563 lbs. milk and made a year record as a two-year-old of 514 lbs. butter from almost 14000 lbs. milk. The five nearest dams of this bull average 527 lbs. butter from 18,000 lbs. milk in a year.

MINNESOTA HOLSTEIN CO. Inc.

V. S. Culver, Sec'y and Mgr.

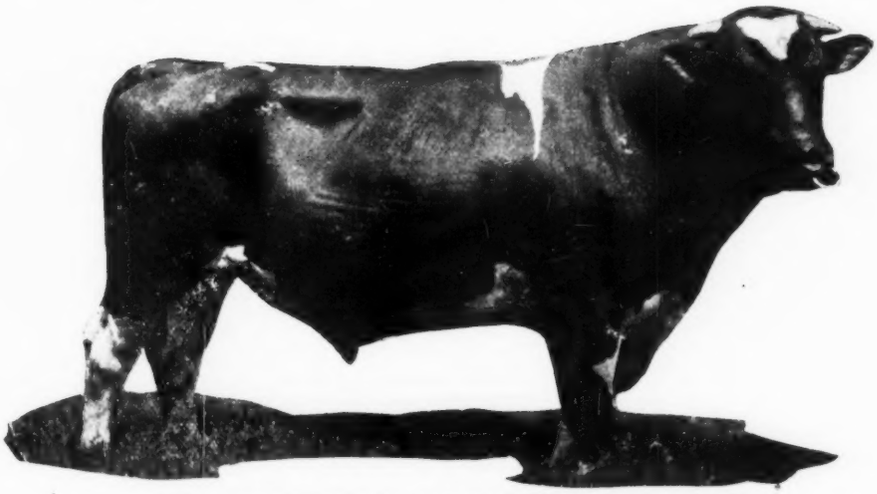
AUSTIN **MINN.**

Piebe Laura Ollie Homestead King is owned jointly with J. M. Hackney of Arden Farms, St. Paul, Minn.

He Will be Sold at

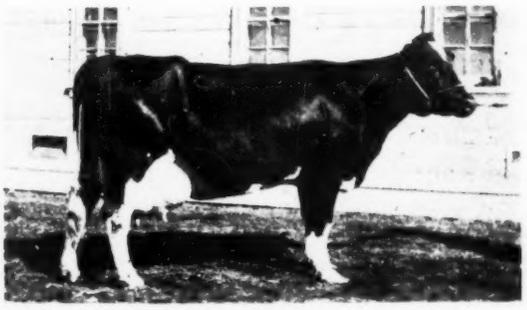
The Minnesota Breeders Guaranty Sale

SAVAGE, MINN. APRIL 7th, 1920



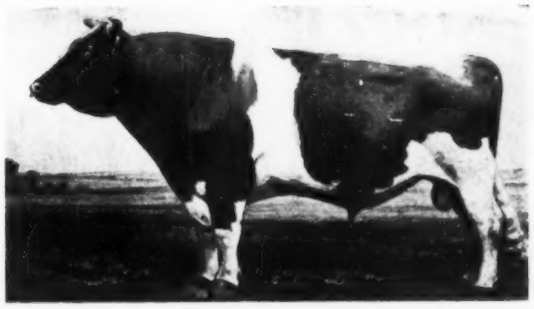
DUKE PIETERTJE KORNDYKE ORMSBY

A PROVEN SON OF THIS FAMOUS PAIR



Jenny Wren Korndyke Hengerveld

Butter 7 days at 7y	31.70
Butter 365 days	1,050.49
Milk	24,060.00
Butter 7 days at 5y	30.52
Butter 365 days	1,014.00
Milk	23,485.60



Sir Pietertje Ormsby Mercedes

70 A. R. O. daughters
11 above 1000 lbs (More than any sire)
2 above 1300 lbs. as four-year-olds.
13 above 30 lbs.
2 above 40 lbs.

Breeders who have seen "DUKE" consider him one of the very greatest sons of his famous sire. Individually, he is hard to fault. His "get" are of show ring type and are showing up strong in production. His dam, Jenny Wren Korndyke Hengerveld, has twice crossed the thousand-pound mark and is now running for the third time and going stronger than ever. She is a daughter of SIR KORNDYKE HENGERVELD DE KOL and from Jenny Wren Lassie 2d famous foundation cow of the "Jenny Wren" family. She made 25 lbs. at 10 years of age. From all indications she will have three 1000-lb. daughters before the year is over.

I deeply regret parting with this great sire but my herd is not large enough to warrant the use of two sires. However, my loss will be someone's gain.

Edw. H. Ulrich

Biscay **Minnesota**

MINNESOTA HOLST

Second Annual Gua

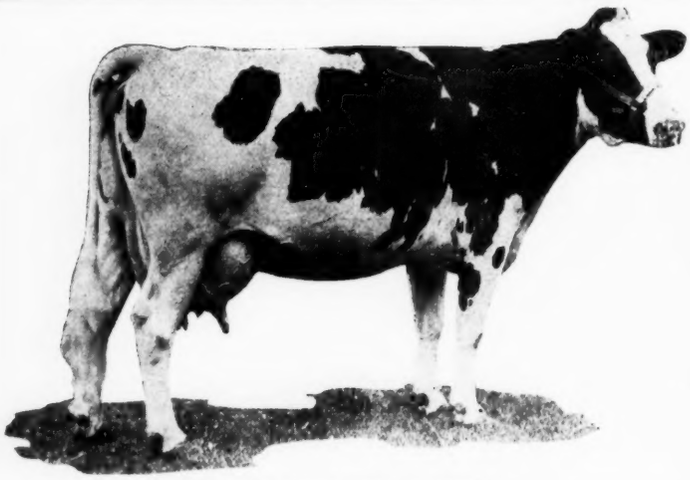
SAVAGE

Minnesota

REMEMBERING the First Guaranty Sale of last June, which marked an average of $2800 for 78 head—the highest ever obtained in the history of the breed, Holstein men should not fail to attach the real significance to the statement that Minnesota breeders this year are "up on their toes" to make an even greater event.

Judging the esteem in which Minnesota Holsteins are held from the results of the sale last year and prompted by a spirit of unselfishness, Minnesota breeders are most generously giving of their very best for this second sale.

"Up on their toes" means that in a friendly spirit of rivalry among one another they are encouraging the drafting of cattle such as they would not ordinarily price.

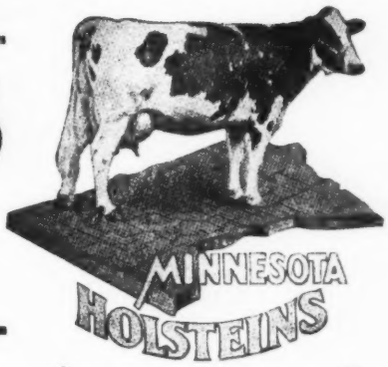


DUCHESS SKYLARK ORMSBY
Champion long distance cow of the world. Developed in Minnesota.

Minnesota Holstein-Fri an Bre

406 Market State Bank Bldg. M

STEIN BREEDERS
al Guaranty Sale



APRIL 7th

1920

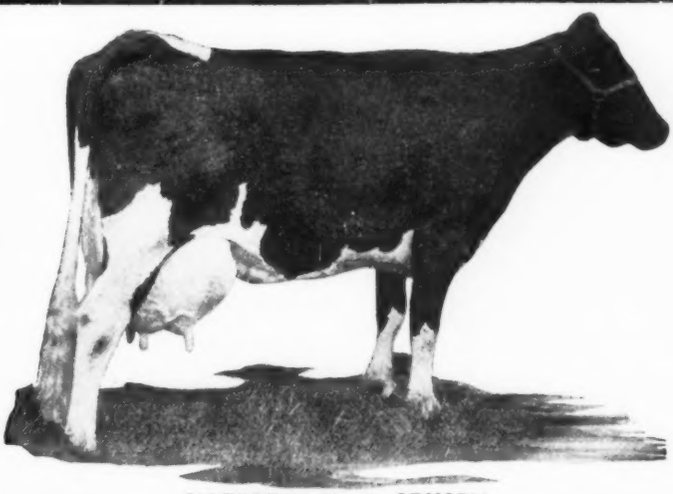
Seeking wider recognition for their individual herds and appreciating that public appraisal is the standard of value—they realize the necessity of permitting only their very choicest animals to appear in open competition of this character.

Back of all the quality which must necessarily be represented in such a collection you have an ironclad health and breeding guarantee which frees the buyer from all risks.

Thus with well established faith in every animal to be offered for your consideration, Minnesota breeders solicit for their Second Annual Guaranty Sale, the confidence and patronage of all Holstein buyers.

n-Fri an Breeders Association

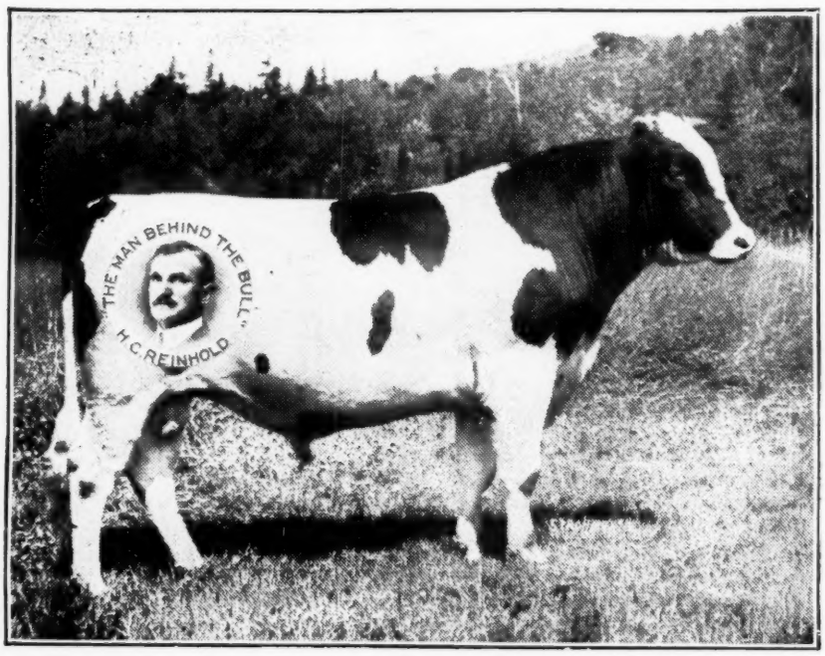
ldg. Minneapolis, Minn.



PIETERTJE MAID ORMSBY
Foundation cow of the Ormsby line. Developed in Minnesota.

REINHOLDS SALE TO BE BIG EVENT

H. C. Reinhold of East Petersburg, Pa., "The man behind the bull", writes that his annual reduction which is to be held April 14, 1920, will be one of the big events of the spring sale season. All of the offerings will be bred to Balsam Korndyke Segis, the famous show bull that heads the herd of H. C. Reinhold & Son. This fellow, whose picture is shown here, has quite an imposing record as a show bull, he having been exhibited at the National Dairy Show in 1916, where he won second prize in a very hard class of yearling bulls. At the same show, he headed the third prize breeder's young herd, with some of the best herds from all over the country competing against him, and was also a member of two other groups that got inside the money. His sire is Agricola Urma gelsche Segis, who is a good transmitting son of Sir Korndyke Pontiac Artis from a 25-lb. granddaughter of King Segis. His dam, Rosemary Pontiac, with a junior 4-year-old record of 33.64 lbs. is a daughter of Sir Pontiac Rag Apple Korndyke, a good transmitting sire who is by a 31-lb. son and from a 31-lb. daughter of Pontiac Korndyke.



BALSAM KORNDYKE SEGIS
Owned by H. C. Reinhold & Son, East Petersburg, Pa.

The cows in the Reinhold sale that will be bred to this splendid sire include a number of great producers, one with 35 lbs., another with 32 lbs., and several above the 25 lb. mark. A large attendance is expected at the sale.

BLUMECREST—A BEGINNER'S HERD IN MINNESOTA

There has recently come to the editor's desk a very attractive pamphlet gotten out by Blumecrest Farm, Maple Lake, Minn., Clem. Blume and Chas. Oby, proprietors. Mr. Oby writes that he is a beginner in the pure bred business, although he has had considerable experience with high-grade Holsteins. The foundation herd of Blumecrest consists of 22 head of females, 12 of which were purchased from an advertisement in the World. Among them are 6 bred 2-year-olds, purchased from S. B. Van Buskirk & Son of Hornell, N. Y., including Colantha Jewel Segis Lyons, with a 32.98 lb. dam, and sisters with records of 33, 30 and 23 lb., the latter as a 2-year-old; also Pauline Johanna Veeman, with a 29-lb. dam and two sisters with 29 and 28-lb. records. The other 4 are bred in similar lines and all of them are close enough in breeding to the Blumecrest herd sire, King Pontiac Climax, so that they can practice line breeding from the start. The herd also contains 4 granddaughters of King Segis Pontiac, the great century sire, and 3 granddaughters of Hengerveld De Kol 5th, who is a great transmitting son of Hengerveld De Kol from a 30-lb. dam that has two year records above 1,000 lb. each.

As a herd sire, these men secured King Pontiac Climax, not so much because of the record of his dam but because he seemed to them to have a combination of breeding that promised well for the future. Realizing that the future of the breed depends on prepotency and reproduction, they selected a sire that combined the blood of King of the Pontiacs, Pontiac Korndyke, Hengerveld De Kol, King Segis, King Segis Pontiac, and others of the greatest sires of the breed. Ten of his nearest sires average 109 A. R. O. daughters each, quite a remarkable showing. The dams in his pedigree are of equal quality, his 8 nearest dams averaging 30.5 lb. butter in 7 days, many of them having good 30 day and yearly records. His sire, King Segis Pontiac Climax, is a three-fourths brother to King Segis Pontiac Count and other famous sires. The owners of Blumecrest Farm believe that by mating a sire with such good breeding all through his pedigree with the good producing Holsteins in their herd they cannot fail to get results, and they believe that their breeding operations will develop animals that are prepotent and capable of transmitting their good dairy qualities. The herd is tuberculin tested annually, the Blumecrest motto being, Size, Type, Health, Production.

MILLER KEEPS ON MAKING RECORDS

Some very good records are reported for members of "Minnesota's famous herd" owned by H. G. Miller of Northfield, Minn. Probably the best of these is that of Canary Lunde Pontiac, who as a junior 3-year-old recently completed a record of 26.15 lb. butter from 545.7 lb. milk. She is a daughter of Mr. Miller's senior herd sire, King Lunde Pontiac Korndyke 4th, and is a full sister to a 30-lb. junior 3-year-old. It is said that the only junior 3-year-old in the Northfield community to exceed this record, is another member of Mr. Miller's herd, Preble Josie Lunde Pontiac, with 29.36 lb. as a junior 3-year-old—a sister to the Miller herd sire. Another daughter of this same sire in the Miller herd is Lillian Champion Walker 2d, who has just completed a junior 2-year-old record of 19.15 lb. butter from 436.7 lb. milk. Her dam is an 18-lb. junior 2-year-old, with a yearly record of 723.36 lbs. butter and her second dam almost a 17-lb. 2-year-old with an 8-months-after-calving record of 15.19 lb., and a yearly record of 647.62 lb., the latter being state records at the time they were made.

Two daughters of the junior sire, Sir Johanna Glen Ormsby, have also been tested as junior 2-year-olds, making records that average practically 17 lb. each. They will be run on yearly test. It will be remembered that the dam and sire's dam of Sir Johanna Glen Ormsby, are both 1200-lb. daughters of Sir Pietertje Ormsby Mercedes, his own having 1323.36 lb. butter from 25590.6 lb. milk as a junior 4-year-old, and 951.05 lb. butter from 17584.2 lb. milk as a junior 2-year-old.

TWO MORE FOR K. P. SON

Editor World:

Two more daughters of King of the Pontiacs Son have just completed a year's work. As follows:

Daisy Hill Pontiac Topsy 349388
At 2 years, 3 months—
Butter 305 days 610.00
Milk 11599.90

Daisy Hill Pontiac Maggie
At 2 years, 2 months—
Butter 365 days ..... 604.2[illegible]
Milk 13665.10

Daisy Hill Farms
Chagrin Falls, Ohio

Editor's Note—King of the Pontiacs Son is one of the coming sons of his sire and now has a nice list of daughters in both short and long time test. Last year at Daisy Hill Farms, his dam, Pauline Brightview completed a strictly official yearly record of 1119.91 lbs. butter from 25,606.1 lbs. milk.

Defined

Mrs. Knicker—What is collective bargaining?

Mrs. Bocker—The neighbors offering your cook a dollar more.—New York Sun.

DISSOLUTION SALE

In order to dissolve our existing partnership it has been decided to close out this noted herd by public sale.

It consists today of close to 250 head and the following are some of the big features of the sale.

2 40-lb. Cows.
10 Daughters of 40-lb. Cows.

21 30-lb. Cows.
20 Daughters of 30-lb. Cows.

12 Bred to Ormsby Korndyke Lad.

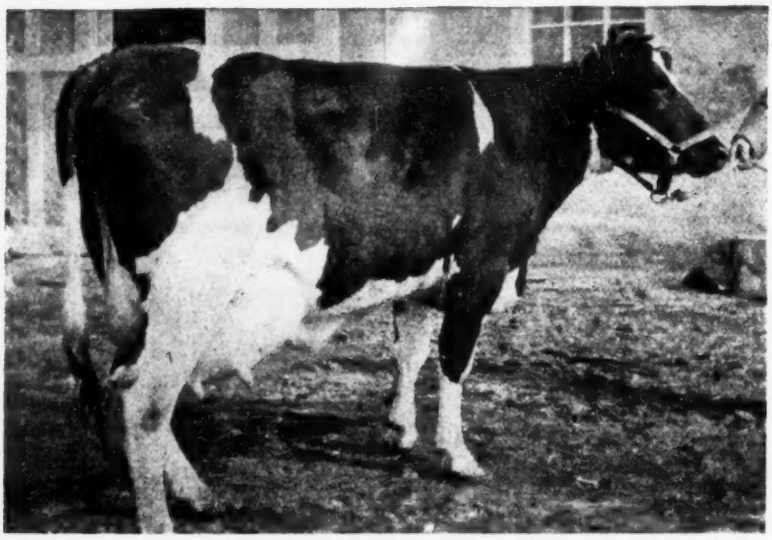
Daughters of

King Pontiac Artis Canada, Cornucopia Korndyke Pontiac, King Korndyke Sadie Vale, Sir Rag Apple Pontiac, Sir Veeman Hengerveld, Woodcrest Sir Clyde, King Echo Sylvia Johanna, Ormsby Korndyke Lad, Prince Hengerveld Pietje, King Pontiac Hilldale and scores of other sires, equally as famous.

ABBOTT & CLARK CORTLAND NEW YORK

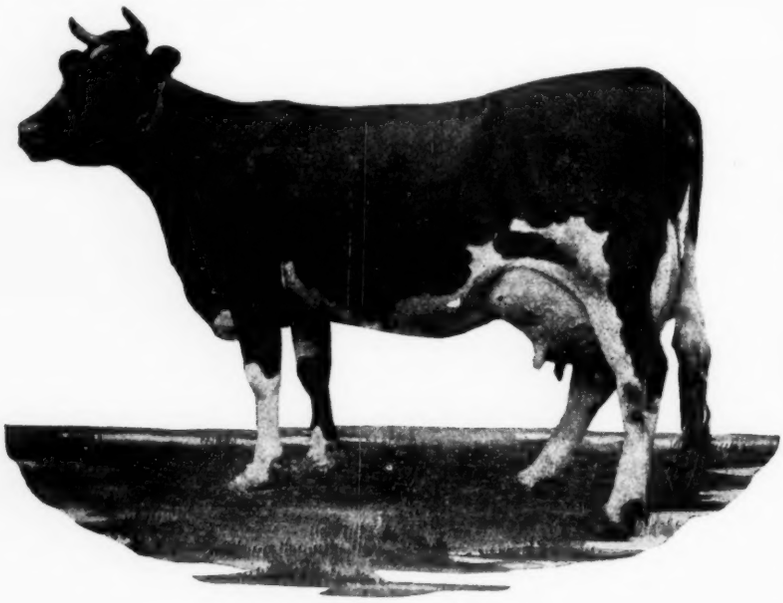
(Sale will be held at the farm — on the outskirts of Cortland, N. Y.)

MAY 14th-15th



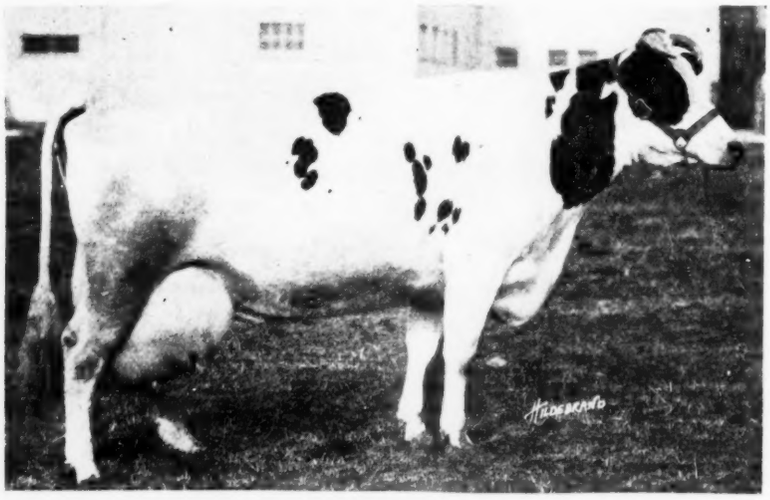
HET LOO CLOTHILDE KORNDYKE

Won first prize in Canada for 7 and 30 days butter production in junior 3-year-old class. State champion in class. Owned by W. L. Shaw, Newmarket, Ont.



ROLO MERCENA DE KOL

The only 51-lb. cow in the world. Won first prize in Canada for 7 and 30 days butter production. Developed by J. B. Hanmer, Norwich, Ont. Now owned by Coldstream Farm, Lexington, Ky.



PIETJE CAR BORN DE KOL

Won second prize in Canada for 7 and 30 days butter production. Owned and developed by A. C. Hardy, Brockville, Ont.

The Canadian Prize List For 1919

(Continued from page 20.)

Manitoba. Following is the list:

A. C. Hardy, Brockville, Ont.	$215.00
Colony Farm, Essondale, B. C.	146.00
J. B. Hanmer, Norwich, Ont.	64.00
J. W. Stewart, Lyn, Ont.	51.00
D. Raymond, Vaudreuil, Que.	42.00
Carman Baker, Brighton, Ont.	40.00
Dr. F. A. Heslop, Freeman, Ont.	35.00
W. L. Shaw, Newmarket, Ont.	33.00
A. D. Foster, Bloomfield, Ont.	22.00
Hubert MacDonald, Bloomfield, Ont.	18.00
Robert Cooper, Welland, Ont.	18.00
William Stock, Tavistock, Ont.	17.00
R. M. Holtby, Port Perry, Ont.	15.00
A. J. Camplin, Unionville, Ont.	15.00
E. B. Purtelle, Bloomfield, Ont.	13.00
W. J. Cummings, Winnipeg, Man.	12.00
Lincoln County Industrial Home	12.00
A. E. Cornwell, Norwich, Ont.	12.00
W. C. Houck, Ingersoll, Ont.	12.00
Albert Somers, Waterford, Ont.	10.00
F. J. McCalpin, Bloomfield, Ont.	10.00
D. B. Tracy, Coburg, Ont.	9.00
Fred Ormiston, Burkton, Ont.	8.00
C. W. Davis, Ingersoll, Ont.	8.00
Peter S. Arbogast, Mitchell, Ont.	7.00
A. E. Hulet, Norwich, Ont.	7.00
Archibald Muir, Scarboro, Ont.	5.00
W. J. Bailey, Jarvis, Ont.	5.00
Arthur Becker, Petersburg, Ont.	4.00
Paul Marlatt, Beamsville, Ont.	3.00
F. A. Smith, Queensville, Ont.	3.00
H. W. Parkinson, Hagersville, Ont.	3.00
John B. Wylie, Almonte, Ont.	3.00
John Hennessy, Cedrington, Ont.	3.00
L. H. Lipsit, Stratfordville, Ont.	3.00
John Henning, Nanticoke, Ont.	3.00
W. H. Cherry, Hagersville, Ont.	2.00
J. W. Richardson, Caledonia, Ont.	2.00
George Smith, Port Perry, Ont.	2.00
Total	$892.00

This list does not include Director Experimental Farms at Agassiz, B. C., which was debarred from prize money in short-time test, presumably because it is a public institution supervising its own tests.

As will be seen from the above list, the largest winner of prize money for the year in short-time tests, was A. C. Hardy, proprietor of Avondale Farm at Brockville, Ontario, with $215. Mr. Hardy's Holsteins won no less than 12 first prizes, 8 second prizes, one third and one fifth, and were debarred from prize money by the limitation rule 16 different times. His name appears 21 different times for butter production and 17 times for milk production. In the list of butter producers for 7 and 30 days, there is only one class, the senior 2-year-old, in which Mr. Hardy's name does not appear, and the same thing can be said of the list of milk producers in the 30-day division.

Second place on the list of money winners goes to Colony Farms, Essondale, B. C., with $146, their principal winner being the senior 2-year-old Colony Faforit McKinley, who has already been mentioned as winning five first prizes and one second. J. B. Hanmer of Norwich, Ont., takes third place with $64, his principal winners of course, being his two world's champions, Rolo Mercena De Kol, and Elva Spofford. Other breeders winning first prizes in short-time test aside from those mentioned include Carman Baker, Brighton, Ont., (two); W. L. Shaw, Newmarket, Ont., (two); J. W. Stewart, Lyn, Ont. (two); W. C. Houck, Chippawa, Ont. (two); Director Experimental Farms, Agassiz, B. C. (two); A. E. Cornwell, Norwich, Ont. (two); D. Raymond, Vaudreuil, Que.; A. J. Camplin, Unionville, Ont.; Dr. F. A. Heslop, Freeman, Ont.; and Hubert MacDonlad, Bloomfield, Ont.

In the record of performance or the long distance division, the following 21 breeders divided up the prize money:

(Continued on page 80.)

Waukeska Holstein-Friesian Breeders' Pure Bred Bull Sale

MARCH 24th, 1920

25 — PURE BRED SHOW BULLS — 25

Bulls will be judged at 9 a. m. Sale at 2 p. m.

Selected from the herds of the largest breeders.

The offerings include:

A bull whose two nearest dams average 33 lbs. in 7 days, 905 lbs. in 365 days. His four nearest dams average 30.5 lbs. butter in 7 days. A real show bull.

A son of King Pontiac Champion out of a 26-lb. dam. See his pedigree.

A son of Pabst King Pontiac Lad out of a daughter of King Pontiac Champion. Enough said.

Two sons of Matador Segis Walker, one of them out of a 22-lb. three-year-old. Both show bulls.

Two sons of King Veeman Pontiac Korndyke, a 29-lb. son of Pontiac Korndyke. Dams are two-year-old tested daughters of Sir Korndyke Fytje Pietertje and a 26-lb. cow.

Two sons of King Superba out of 20 and 22-lb. cows.

Two sons of Pabst Hengerveld Pontiac the full brother to Pabst King Pontiac Lad. One of them out of a daughter of Sir Urmagel Burke.

Two sons of Woodcroft Perfection, whose dam has 40 lbs. butter in 7 days and 1046 lbs. in a year.

A son of Sir Spofford Pietertje, out of a daughter of King Pontiac Champion.

We thoroughly believe the above bulls to be fit to head purebreds. Many of these bulls will increase in value. All bulls are from tuberculin tested herds. State or Federal test. Ages from 6 months to serviceable age

OPPORTUNITY KNOCKS!

For information write

WAUKESHA HOLSTEIN-FRIESIAN BREEDERS' ASSOCIATION

WAUKESHA :: WISCONSIN

Sale held in connection with the Waukesha County Dairy Show March 23-24-25-26.

Again This 40-Lb. Heifer

Makes Over 37 Lbs. Of Butter In 7 D

Simply another proof that our SPRING BROOK BESS BURKE 2d family possesses and transmits persistent production—that's all.

In less than 13 months Bess Johanna Ormsby has made two 7-day records, on 40 and the other above 37 lbs., also a 305-day record of 1043.65 lbs.

She is the only 40-lb. heifer to make a year record above 1000-lb., and the firs to make over 1000-lbs. in the 10-months div ion. With one exception she is t 1000-lb. cow whose dam and dam's dam are a so 1000-lb. cows.

Bess Johanna Ormsby is one of the eleve 1000-lb. daughters of Sir Pietertje Mercedes. And, she is a full sister to our herd sire—

King of the Ormsbys

SPRING BROOK BESS BURKE 2d

AGAIN MAKES OVER 30 LBS.

Spring Brook Bess Burke 2d, widely known as the world's largest dairy co 2225 lbs.) and the only cow to have made three 7-day records each above 35 lbs. in co tion with three 365-day records each above 1000 lbs., is fresh again. Notwithstanding fact that she developed milk fever soon after comin in, she again made over 30 lbs. of r in 7 days, milking over 100 lbs. a day. This gives her four 7-day records that avera 5.12 lbs. and five that average 32.76 lbs.

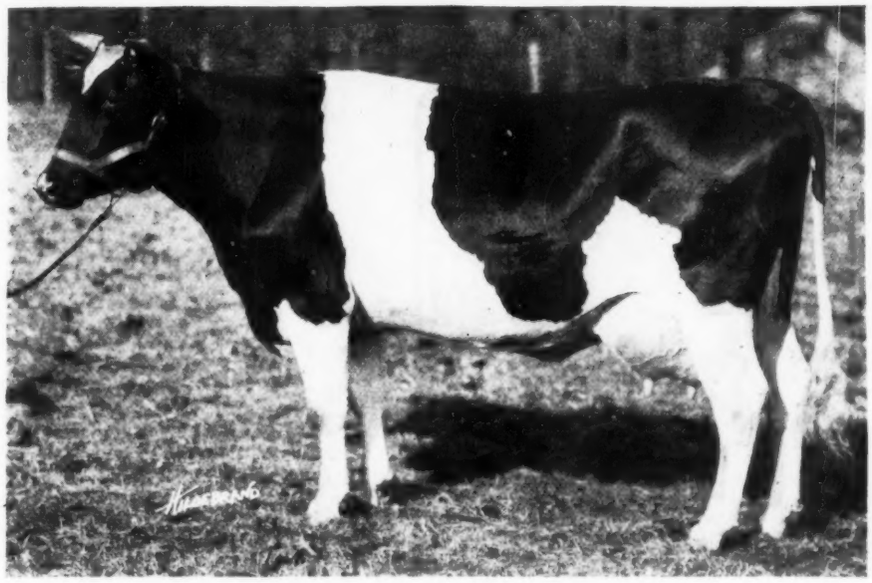
Spring Brook Bess Burke 2d is the dam of King of the Ormsbys and Bess nna Ormsby. She has for her dam a 34-lb. cow with a 1094-lb. yearly record.

NOTE—Bess Johanna Ormsby and S ring Brook Bess Burke 2d dropped calves sired by

KING OF THE ORMSBYS

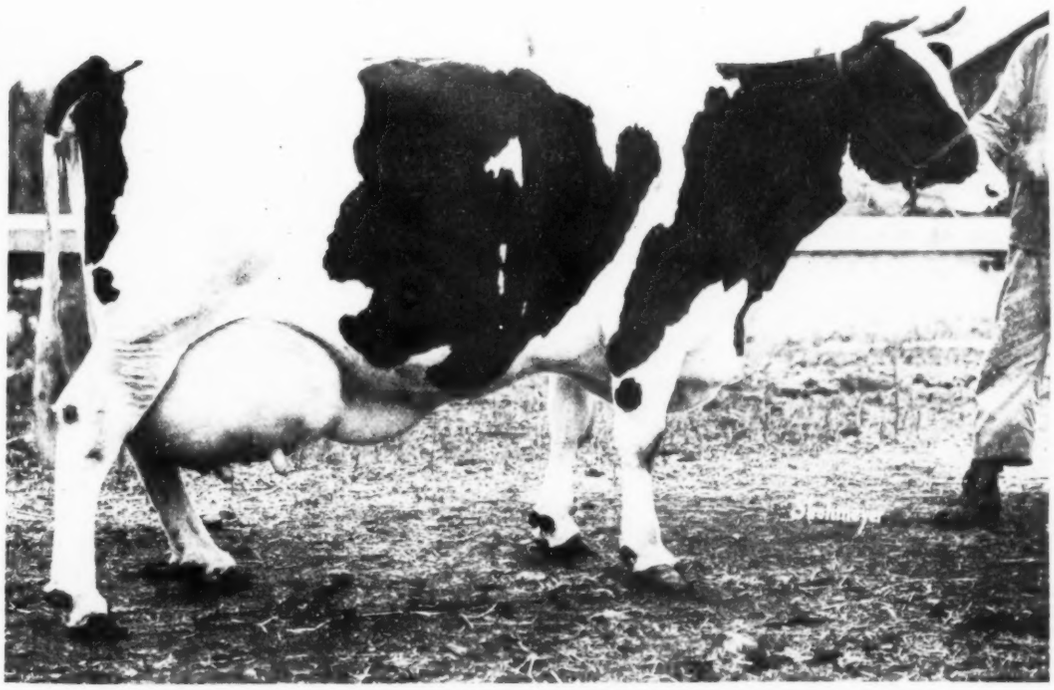
Both of these calves are good individuals, beautifully marked, and are not for s this time.

WINTERTHUR FARM



Records for BESS JOHANNA ORMSBY

Butter 7 days	4y	40.74
Milk		657.6
Butter 30 days		147.61
Milk		2,897.5
Butter 305 days		1,043.65
Milk		21,380.5
Butter 7 days	5y	37.45
Milk		742.5
Butter 30 days		159.15
Milk		3,064.2
Butter 7 days	2½y	25.90
Butter 365 days		881.19



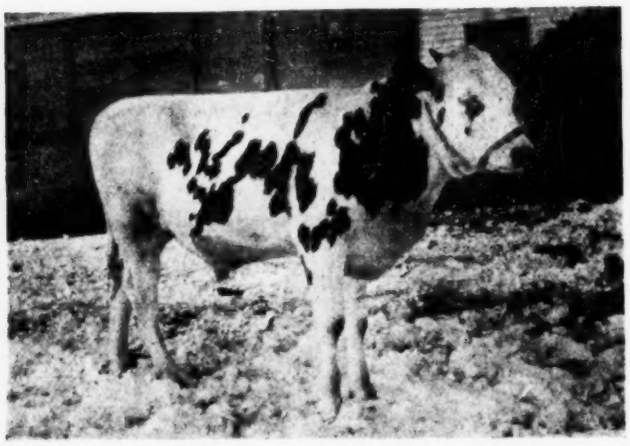
Records for SPRING BROOK BESS BURKE 2d

Butter 7 days	6y	38.22
Milk		792.3
Butter 365 days		1034.30
Milk		21,552.9
Butter 7 days	5y	36.12
Milk		736.1
Butter 365 days		1,044.91
Milk		23,340.1
Butter 7 days	8y	35.94
Milk		593.5
Butter 365 days		1,290.93
Milk		24,918.1
Butter 7 days	10y	30.22
Milk		688.6

WINTERTHUR, DEL.

THIS CHOICE BULL

BORN APRIL 16, 1919



AAGGIE PONTIAC KORNDYKE DE KOL

A high class individual—well grown—now ready for light service.

HIS SIRE is regarded as one of the best sons of Aaggie Cornucopia Johanna Lad Jr., famous as the sire of Lutscke Vale Cornucopia with 31,264.9 lbs. milk in a year and brother to Winnie Korndyke Cornucopia De Kol with 31,034.2 lbs. milk, respectively the first and second 31,000 cows. Sire's dam Duchess Concordia, made 21.63 on ¾ udder.

HIS DAM Rose Clothilde Elsie De Kol 2d, made a record of 24.69 lbs. butter and is a granddaughter of the great Pontiac Korndyke. She is a typical show cow and we have every reason to believe she will make a 30-lb. record for us this coming April—a great cow for the dam of a bull.

The above is from a photograph made by an amateur, but shows his beautiful markings and his splendid condition and the good growth he has made. Our price of $500 places him F. O. B. Shakopee. This is much cheaper than you can buy him after his dam freshens, within the next few weeks.

Can spare a few high class heifers from A. R. O. cows bred to our 39-lb. herd sire, Mudcura Rag Apple.

MUDCURA HERD

Shakopee Dr. H. P. FISCHER, Owner Minn.

PROFESSOR KEENEY GOES TO OHIO HOLSTEIN FARM

Professor M. H. Keeney has just resigned his position in charge of Dairy Extension work for the University of Missouri to go into the Holstein game at Orangeville, Ohio. Professor Keeney is a graduate of Pennsylvania State College in the class of 1915 and while in school was considered as one of the strongest men in his class. During his last year in school he made the Pennsylvania State Dairy Judging team and won a scholarship at the National Dairy show.

After finishing his four year college course Mr. Keeney spent a year in charge of the Shenango Valley Cow Testing Association in Ohio and Pennsylvania. After a very successful year here he decided to take some graduate work under Professor Eckles at the University of Missouri. He received his Master's degree at this institution in 1917 and went direct to county agent work in Clinton County, Pennsylvania. Then, after a very successful year of County Agent and Dairy Extension work in Pennsylvania he enlisted in the army.

Immediately upon his return from France in July, 1919, he accepted the place in charge of Dairy Extension work at the University of Missouri. Here he helped put over two projects which will be long remembered in this state. One of these is the Johnson County Holstein company and the other the State Holstein Association. The success of both of these moves is due in a large measure to the splendid work of Professor Keeney.

In addition to having a very pleasing personality, which helped him materially in his Extension work, Professor Keeney also has a very extensive knowledge of the different dairy breeds and particularly of Holsteins. He is going into partnership with R. H. Morrison, a former Ayrshire breeder at Orangeville, Ohio and after April first can be found at home there with a herd of his favorite cows, The Black and White. E. M. Harmon.

Just Good Enough for the Editors

A good old scout living north of town came in Saturday and handed us a dollar for his subscription. "Take it," he said, "I can't buy anything with it any more."—Siloam Springs Herald.

ALL READY FOR SERVICE

One of Our Long Distance Kind

The bull we are offering this week is backed by a splendid combination of long distance breeding. He is

SIR ONA CLOTHILDE DE KOL

Born Jan. 29, 1917

Sire—SIR CLOTHILDE CONCORDIA whose daughters are making good. He is out of Ona Clothilde De Kol 2d, a 1000-lb. cow that has a 1200-lb. daughter and a 1100-lb. dam.

Dam—ONA TEHEE, 13 lbs. at 2 yr. Her sire is brother to a 29,000-lb. cow. Her dam, a 30-lb. cow, has three sisters with year records above 1200 lbs.

This fellow is well grown, light in color and a quick sure server.

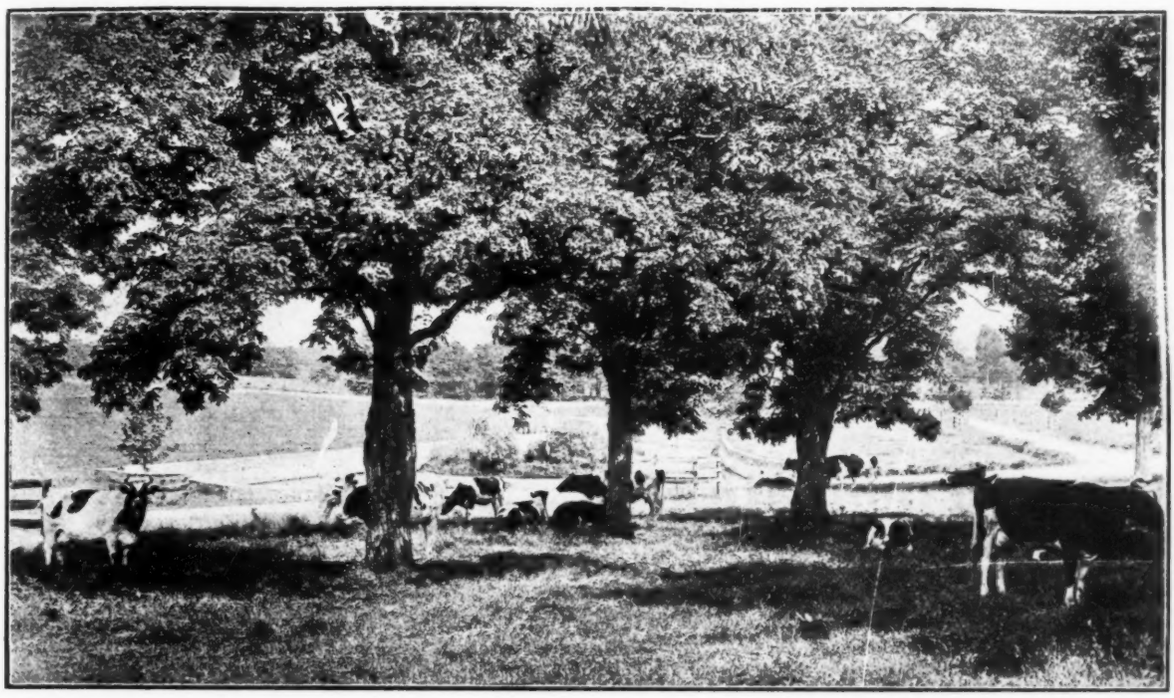
Tuberculin Tested. Price $500.

Lothian Riverode Stock Farm

Novelty Ohio

COLDSTREAM FARM Lexington, Ky.

HOME OF THE CHAMPIONS



The above pasture scene shows Queen Korndyke Belle (37 lbs.); Uniform Lorena (37.34 lbs.) Rolo Mercena De Kol (51.93 lbs.); Elva Spofford (37.91 lbs.); Bertjusca Pauline 3d (35.42 lbs.); Fairmont Aaggie Topsie (36.02 lbs.); Aaltje Grace Hengerveld (30.35 lbs.); Oatka Julip (30.05 lbs.)

This collection of high record cows is headed by King Pontiac Hengerveld Fayne, the famous son of King of the Pontiacs

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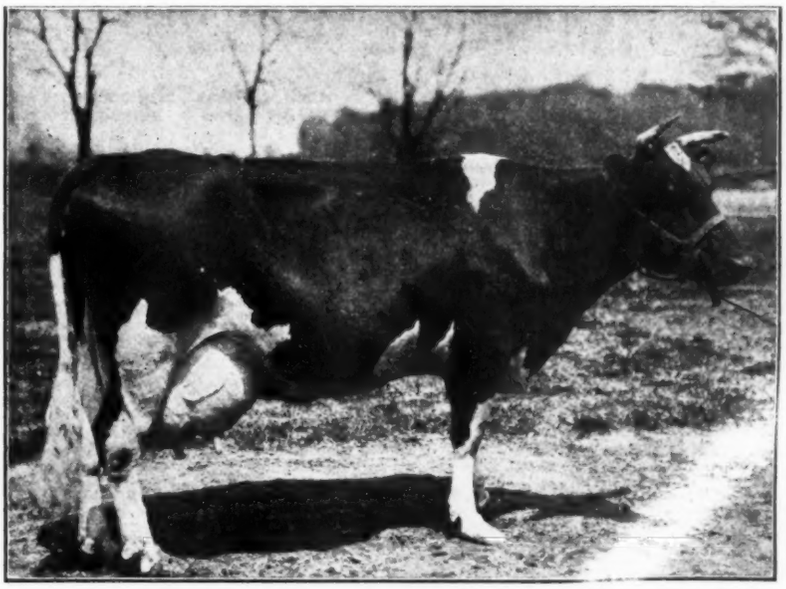
Pinery Farms, Mentor, Ohio

Herd Sire, PONTIAC AAGGIE KORNDYKE 38291



His Daughter, MAPLECREST PONTIAC APPLICATION 141158

Butter 365 days 1344 lbs.

Young Bulls For Sale From 1000-lb. Cows And Better

Will Such An Opportunity Ever Occur Again ?

Famous Foundation Females!

Just Think of it — !

Maple Knoll Lassie 4th, sister to Maple Knoll Helen, with a record of over 33 lbs. of butter in seven days, she herself with a record of almost 30 lbs. of butter in seven days; sired by King Korndyke Hengerveld Ormsby, the famous Stevens Brothers herd sire and out of that great cow, Maple Knoll Lassie, together with her daughter, K. P. Maple Knoll, sired by King of the Pontiacs with a two-year-old record of 20.18 lbs. of butter and 404 lbs. of milk.

When—If Ever Again — ?

Will you have an opportunity of attending an auction sale of purebred Holstein cattle where you can buy at your own price, under the HAMMER

12 Daughters of King of the Pontiacs!

Do You Realize — ?

that King of the Pontiacs is the only bull in the world with 266 A. R. O. daughters and with three daughters with records better than 40 lbs. of butter in seven days? Do you realize that he is the greatest son of Pontiac Korndyke, conceded to have been the greatest sire of the breed with two 40-lb. daughters and sire of Pontiac Clothilde 2d, the first cow in the world to milk over 25,000 lbs. and to make over 1250 lbs. butter in a year? Do you realize what it means to have 12 of this bull's daughters offered in one sale? Just think this over and don't miss this opportunity.

Blood of the World's Best Sires!

When Mr. Brady placed The Mighty Monarch and Pietje 22d's Son at the head of his herd, he bought what he believed to be the world's best sires. He bought the blood that has made Woodcrest Farms famous and he bought the blood of King of the Pontiacs, coupled with a 47-lb. daughter of the world's greatest 50-lb. cow, Segis Fayne Johanna. This is the blood that is offered you and it is coupled with the blood of all the great sires that have made the Holstein breed of cattle famous. It comes to you through daughters of King of the Pontiacs, King Korndyke Hengerveld Ormsby, Pietertje Hengerveld Segis, Hengerveld De Kol, King Walker, King Fayne Segis and a dozen others.

Wonderful 30-lb. Cows — — — — — — — !

Canary Hazel Abbekerk De Kol 2d, butter 30.04, milk 624, is a splendid representative of the Colantha family. Maple Knoll Lassie 4th is a peerless individual and bred in the purple. There are others with records up to 32 lbs. each one a gem and each one a sure money maker for the man who buys them.

Remember, Every One a Gem — — — — — !

We would like to enumerate everyone of these great animals and tell you in detail about her splendid individuality, her superb breeding and her A. R. O. record under official test. Our advance announcement is ready for mailing and a copy of it will go to you upon request.

A Daughter of King Segis Pontiac Konigen — — — — !

When before have you seen offered at public auction a daughter of King Segis Pontiac Konigen. We will sell Sally Concordia, Konigen, a daughter of this great bull, three years old, with a two-year-old record of 393 lbs. of milk and almost 18 lbs. of butter in seven days. Her dam is a daughter of King Pontiac Konigen, sire of the world's champion four-year-old, and of Lady Concordia De Kol, that famous 35-lb. cow.

EXTRA SPECIAL ANNOUNCEMENT — — !

We wanted to put into this sale a very high class bull. We wanted one ready for service. We wanted a crackerjack and we have induced Riddle Meadows Farm to consign their great herd sire.

King Pontiac Fayne Butter Boy

Whose dam, sire's dam and grandam show an average of seven-day production of 42.70 lbs. of butter and 634 lbs. of milk. This bull is a son of King Pontiac Hengerveld Fayne that sold for $100,000.00 and he a full brother to The Mighty Monarch.

Another Bull Ready for Service

His name is King Model Pontiac Cornucopia. He is a son of King Model, that wonderful son of Mabel Segis Korndyke that sold for $10 000 in the Stevens Brothers' Dispersal Sale. His dam is a daughter of King of the Pontiacs that is a full sister to a 31-lb. three-year-old. The name of his dam is K. P. Gem Cornucopia and she will also be sold along with the other daughters of King of the Pontiacs.

As we have gone over this list of wonderful animals, our enthusiasm has become almost unbounded. We just believe that the dispersal of the great Broad Meadows Farms herd offers one of the very greatest if not THE GREATEST opportunity ever presented to the Holstein breeders of this part of the country.

REMEMBER — — !

REMEMBER the dates are Wednesday and Thursday, MARCH 24th-25th. The place is East Buffalo, N. Y. The event is one that may never come again. To wit: The sale of 12 daughters of King of the Pontiacs and 125 head of as choice cattle as was ever led into the sales ring.

Broad Meadows Farms Dispersal

(Paul T. Brady, Owner, Pawlings, N. Y.)

March 24th-25th-East Buffalo, N. Y.

Management of **Alden Sale & Pedigree Company**

Auctioneers—Col. Kelley and Associates—Alden, N. Y.

The Canadian Prize List For 1919

(Continued from page 72.)

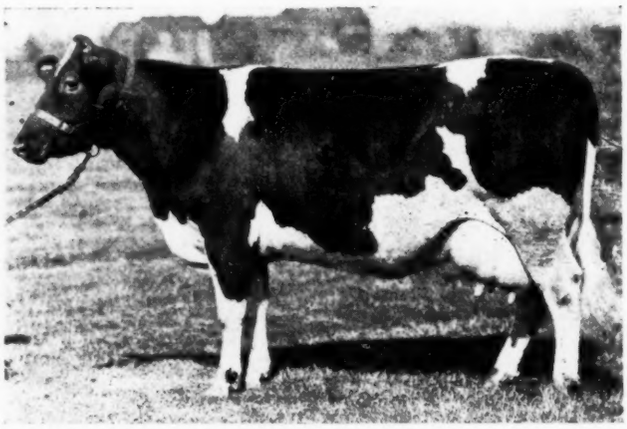
Director Experimental Farms, Agassiz, B. C.	$75.00
T. H. Dent & Son, Woodstock, Ont.	50.00
Arch. Muir, Scarboro, Ont.	45.00
Richard Honey, Dartford, Ont.	45.00
Stinson Mercer, Rosedale, B. C.	35.00
W. C. Houck, Chippawa, Ont.	35.00
J. F. Gibbons, Renfrew, Ont.	35.00
Walburn Rivers, Ingersoll, Ont.	30.00
Colony Farm, Essondale, B. C.	30.00
C. P. R. Demonstration Farm, Strathmore, Alta.	25.00
Thos. P. Charleson, Ottawa, Ont.	25.00
M. Thos. Allen, Chesterville, Ont.	20.00
Wm. Stock, Tavistock, Ont.	20.00
N. Sangster, Ormstown, Que.	15.00
Thos. A. Barron, Brantford, Ont.	15.00
R. J. Graham, Belleville, Ont.	15.00
L. F. Solly, Westholme, B. C.	15.00
J. M. Steves, Steveston, B. C.	10.00
Nelson Bros., Codrington, Ont.	10.00
Arthur Becker, Petersburg, Ont.	5.00
D. O'Mahony, Millgrove, Ont.	5.00
Total	$560.00

No prizes were offered for milk production in this division. Of these 21 breeders, it will be noticed that 14 come from the Province of Ontario, 5 from British Columbia, one from Quebec and one from Alberta.

The leading money winner in long time work is Director Experimental Farms of Agassiz, B. C., with two first prizes and one seventh out of four possible prizes, amounting to a total of $75. Second place with $50 goes to T. H. Dent & Son of Woodstock, Ont., the $50 being divided into two prizes, a second and a fourth. The other two breeders to win first prizes were W. C. Houck of Chippawa, Ont., with Jemima, and J. F. Gibbons of Renfrew, Ont., with a 2-year-old that produced 681.25 lbs. butter in a year.

Colony Farm, which won $30 taking eighth place on the list, would have stood higher but for the fact that two of their best producers did not complete their records in time to get on the list. We refer, of course, to Zarilda Clothilde 3d De Kol, whose record of over 33000 lbs. milk containing 1155 lbs. butter, has been recently reported. This would have entitled them to second prize or $30 more, and then if the 2-year-old, Colony Faforit McKinley, had completed her record in time to appear on the prize list, they would have won first prize instead of second in the 2-year-old class, which would have entitled them to second place on the list.

Another breeder, Walburn Rivers of Ingersoll, Ont., was also unfortunate in having one of his best producers finish her record just after the close of the year. She was Calamity Snow Pontiac, and her 4-year-old record has been reported as 1060 lbs. butter from 25338 lbs. milk, which gives her the Dominion Championship for milk and for butter. She is a maternal sister to Calamity Snow Mechthilde 2d, whose record of 1108.75 lbs. butter from 25598 lbs. milk won for Mr. Rivers second prize for the year, so if her sister had completed her record just a little earlier, Mr. Rivers would have had a first and second prize, which would have put him well up towards the top of the list. The dam of these two, Calamity Snow Mechthilde, has been reported also since the end of the official year with an 8-months-after calving record of 23.84 lbs. butter, which is one of the very best ever made in Canada. This Calamity Snow family is becoming one of the greatest Holstein strains in the Dominion.



JOHANNA JEMIMA POSCH

For 1919 she stood second in Canada only to her dam in the 8 months after calving division. Owned by W. C. Houck, Chippawa, Ont.

A Few Generalities

The Canadian prize list for 1919, as we have shown, contains records up to very nearly 52 lbs. butter in 7 days and to 948.9 lbs. milk in a like period. Thirty day records run as high as 201 lbs. butter and 3623 lbs. milk, while we have 8-months-after-calving records of to over 25 lbs. from 555.4 lbs. milk, and yearly records up to 1280 lbs. butter from 30373 lbs. milk.

The averages of the seven leaders of the different age classes in each of the divisions for milk and butter production are as follows;

Period	Butter	Milk
7 days	34.65	676.9
30 days	133.90	2647.4
8 mo. after calving	18.89	395.2
365 days	929.38	2158.9

These are very creditable averages for the first prize winners of the seven ages, and we must also call attention to the fact that in the 8-months-after-calving division only four classes are represented, including the junior and senior 2-year-old classes.

We also wish to show in the following table the averages of the five leading producers in each class for butter and milk production and in each of the prize divisions.

Seven days (average of 5 leaders in each class).

Class	Butter	Milk
Mature	38.72	823.1
Senior 4	32.22	657.1
Junior 4	30.06	665.9
Senior 3	30.02	637.5
Junior 3	29.74	589.7
Senior 2	23.88	544.7
Junior 2	24.45	504.3

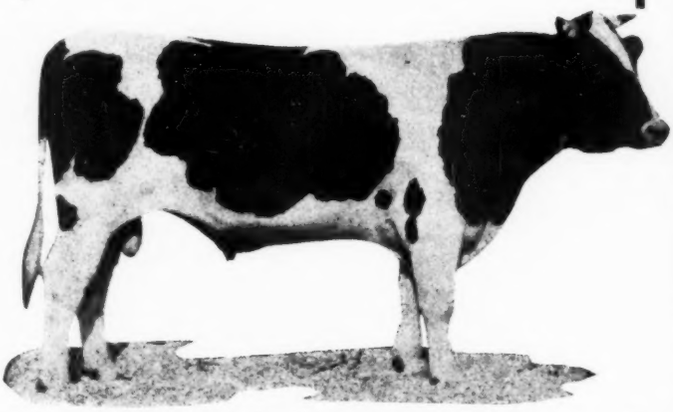
Thirty days (Average of 4 leaders in each class).

Mature	162.18	3397.2
Senior 4	119.97	2533.0
Junior 4	119.21	2577.3
Senior 3	116.54	2558.4
Junior 3	106.34	2144.1
Senior 2	86.65	2061.7
Junior 2	91.76	2138.7

ELVA SPOFFORD

World's 30-day champion butter producer. Won first prize in Canada for 1916 for both 7 and 30 days. Developed by J. B. Hanmer, Norwich, Ont. Now owned by Coldstream Farm, Lexington, Ky.

SIR WALKER SEGIS HOMESTEAD



FIRST PRIZE YEARLING BULL

CHICAGO 1919

WATERLOO 1919

A son of

PIEBE LAURA OLLIE HOMESTEAD KING

with 5 daughters over 20,000 lbs. milk in a year as two-year-olds.

BEAUTY BEETS WALKER SEGIS

Milk 1 yr. ..... 25,343 lbs.
Butter 1 yr. ..... 1,040 lbs.

A world's record daughter of KING SEGIS PONTIAC COUNT.

For Sale

His very best bull calf

SIR WALKER HOMESTEAD OAK

Born Sept. 12, 1919

Dam

Hello Oak De Kol

Butter 4½ yrs. ..... 29.75 lbs.
Butter 3½ yrs. ..... 25.49 lbs.
Butter 2 yrs. ..... 17.72 lbs.

She is on yearly test, making a splendid record and has a junior two-year-old daughter with a 21-lb. record also on yearly test.

Her dam is a 35-lb. cow and her sire's dam a 36-lb. cow who made 991 lbs. butter in a year.

This bull is a beautiful individual and a perfect picture of his sire at the same age. Send for pedigree, photo and price.

The LASHBROOK HERD

A. J. LASHBROOK Northfield, Minn.

State and Federal Accredited.

The Wait Farms

Through the courtesy of Mr. John A. Bell, Jr. of Bell Farm we have been loaned to head our herd the splendidly bred herd sire

King Valdessa Pontiac Korndyke

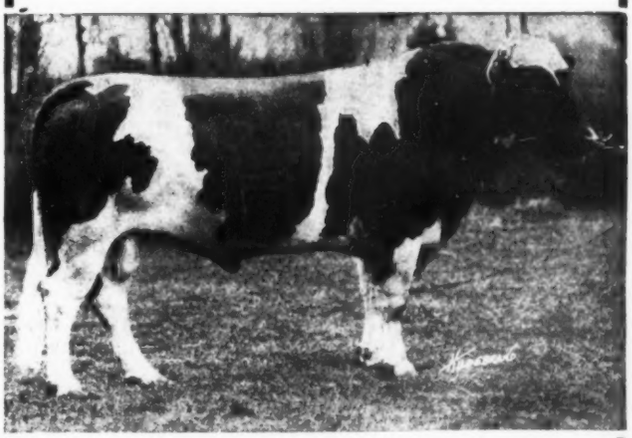
This bull is a son of King Valdessa Pontiac and Kayewood Joyce Korndyke, champion cow of the State of Pennsylvania with over 39 lbs. butter in 7 days and now finishing a 305-day record of over 1000 lbs. butter.

Mr. Bell's desire to found a family upon the blood of this cow and to retain the ownership of this bull and at the same time to offer him an opportunity until such time as he is needed in the Bell herd, prompted him to loan the bull to us. We consider ourselves especially fortunate in having this splendidly bred calf in our herd, which includes five daughters of King of the Pontiacs and five daughters of King Walker.

Free from disease.

The Wait Farms J. R. WAIT, Mgr.-Owner **Auburn, N. Y.**

THE YATES FARM



King Valdessa Korndyke
HOME OF

REX PONTIAC

A son of Spring Farm King Pontiac, from a 31-lb. dam. His first daughter made over 20 lbs. in 7 days at 2 years and averaged over 60 lbs. milk per day for 30 days. His get are individually wonderful.

KING VALDESSA KORNDYKE

A son of King Pontiac Segis Korndyke, whose 2 nearest dams average nearly 34 lbs. and whose dam is the 38-lb. daughter of the first 40-lb. cow, Valdessa Scott 2d, dam and granddam averaging over 40 lbs. We are breeding the daughters of Rex Pontiac to King Valdessa Korndyke. The result should be desirable. For a bull bred along these lines, address

THE YATES FARM

ORCHARD PARK, N. Y.
T. M. ADAMS, Mgr. HARRY YATES, Prop.

365 days (Average of 7 leaders in each class).

Mature	940.0	22567.4
4 years	762.1	17326.4
3 years	743.75	16752.1
2 years	667.86	15137.9

So few records were reported in the 8-months-after-calving division that the writer did not include them in this list of averages given above. In fact, three of the heifer classes were not represented at all, two others by only one record, another by only two and the other by only three.

Note from the above table that the five best producers in the mature class of the 7 day division average 38.72 lbs. butter and 823.1 lbs. milk, three of them producing over 800 lbs. in 7 days. In the mature class, May Echo Sylvia is the only one who appears both in the first five butter producers and the first five milk producers, standing, as we have already said, first for milk and third for butter for the year.

We note also that there were made during the year 1919 no less than ten 30 lb. records by heifers under full age, including four senior 4-year-olds with records up to 35.5 lbs., two junior 4-year-olds up to 32.28 lbs., one senior 3-year-old with 37.86 lbs., and three junior 3-year-olds up to 33.72 lbs. As milk producers also, the heifers of Canada made a good showing during the past year, as in all of the classes above the junior 3-year-olds, it took a record of better than 600 lbs. milk to get inside the money at all, and only one junior 2-year-old and two senior 2-year-olds appear on the list with less than 500 lbs. milk.

Following is the complete prize list of the Holstein-Friesian Association of Canada, as published in Secty. Clemons' annual report for 1919:

BUTTER RECORDS SEVEN DAY DIVISION

Mature Class

*Indicates debarred by limitation rule.

Name and No. of Cow — Lbs. butter 80% Fat

Rolo Mercena De Kol 20313 ..... 51.93
J. B. Hanmer, Norwich, Ont.
Pietje Car Born De Kol 22877 .... 38.77
A. C. Hardy, Brockville, Ont.
*May Echo Sylvia 11385 ..... 35.70
A. C. Hardy, Brockville, Ont.
*Avondale Pontiac Pauline 27272 .. 33.94
A. C. Hardy, Brockville, Ont.
Helena Burke Keyes 21369 ..... 33.28
A. D. Foster, Bloomfield, Ont.
Elmdale Gem 25041 ..... 32.94
L. H. Lipsit, Straffordville, Ont.
Miss Joh. Pon. Korndyke 20573 .... 32.59
J. W. Stewart, Lyn, Ont.

Senior Four Year Class

Queen Bos De Kol 32949 ..... 35.50
Carman Baker, Brighton, Ont.
Johanna Pontiac Segis 32510 ..... 34.08
J. W. Stewart, Lyn, Ont.
Pontiac Cornelia Pietje 30676 ..... 31.55
A. C. Hardy, Brockville, Ont.
Colantha Snowflake 30494 ..... 31.47
W. J. Bailey, Jarvis, Ont.
*Pietje Clothilde Pontiac 32348 .... 28.51
A. C. Hardy, Brockville, Ont.
Colony Sadie Canary 30137 ..... 28.40
Colony Farm, Essondale, B. C.

Junior Four Year Class

Belle Model Pontiac 32345 ..... 32.28
A. C. Hardy, Brockville, Ont.
Lakeview Canary Artis 31550 ..... 30.31
Dr. F. A. Heslop, Freeman, Ont.
Flora Fayne 2nd 36565 ..... 29.79
J. B. Hanmer, Norwich, Ont.
Raymondale Geiske 39158 ..... 29.11
D. Raymond, Vaudreuil, Que.
Pontiac Ormsby De Kol 37100 ..... 28.79
R. M. Holtby, Port Perry, Ont.

Senior Three Year Class

Elva Spofford 60694 ..... 37.86
J. B. Hanmer, Norwich, Ont.
*Colantha Pietertje Banks 42413 .... 28.57
J. B. Hanmer, Norwich, Ont.
Flora De Kol Korndyke 41737 ..... 28.07
Carman Baker, Brighton, Ont.
Pattie Bell De Kol 42687 ..... 27.84
R. M. Holtby, Port Perry, Ont.
Plus Sylvia Posch 43359 ..... 27.75
A. D. Foster, Bloomfield, Ont.
*Aaggie Cornucopia Posch 42424 .. 27.03
J. B. Hanmer, Norwich, Ont.
Flottie Mechthilde Walker 44312 .. 26.46
A. C. Hardy, Brockville, Ont.

Junior Three Year Class

Het Loo Clothilde Korndyke 38495 33.72
W. L. Shaw, Newmarket, Ont.
Lakeview Dutch. Segis D K 36873 .. 31.25
Dr. F. A. Heslop, Freeman, Ont.
*Het Loo Sylvia 42689 ..... 30.06
W. L. Shaw, Newmarket, Ont.
Echo Griselda De Kol 42360..... 27.39
A. C. Hardy, Brockville Ont.
*Lady Pontiac Allie 43933 ..... 26.38
A. C. Hardy, Brockville, Ont.
*Het Loo Gretchen 42730 ..... 25.87
W. L. Shaw, Newmarket, Ont.
Sylvia Segis Alcartra 46876 ..... 25.61
Hubert MacDonald, Bloomfield, Ont.
Clover Hill Lyons Imperial 38372 24.60
Lincoln County Industrial Home, St. Catharines, Ont.

Senior Two Year Class

Trenton Keyes Hermes 46203 ..... 24.76
D. Raymond, Vaudreuil, Que.
Colony Faforit McKinley 42884 .. 24.27
Colony Farm, Essondale, B. C.
Fairmont Grace Alcartra 49900.... 24.12
Peter S. Arbogast, Mitchell, Ont.
Lula Segis Alcartra 47988 .. .. 23.17
E. B. Purtelle, Bloomfield, Ont.
Mamie Segis Korndyke 51078 ..... 23.06
D. B. Tracy, Cobourg, Ont.

Junior Two Year Class

Rose Echo Segis 55341 ..... 26.47
Carman Baker, Brighton, Ont.
Pietertje Mechthilde Walker 54516 25.79
A. C. Hardy, Brockville, Ont.
Pietje Helena Pontiac 53006 .... 23.80
A. D. Foster, Bloomfield, Ont.
*Princess Lyons De Kol 55491 .... 23.13
Carman Baker, Brighton, Ont.
Belle Abbekerk 2nd 51331 ..... 23.04
J. B. Hanmer, Norwich, Ont.
Elmcrest Ormsby Fayne 49090 .... 22.84
W. H. Cherry, Hagersville, Ont.

THIRTY DAY DIVISION

Mature Class

Rolo Mercena De Kol 30313 ..... 201.17
J. B. Hanmer, Norwich, Ont.
Pietje Car Born De Kol 22877 .. 160.41
A. C. Hardy, Brockville, Ont.
*May Echo Sylvia 11385 ..... 148.75
A. C. Hardy, Brockville, Ont.
Helena Burke Keyes 21369 ..... 138.38
A. D. Foster, Bloomfield, Ont.
Miss Johanna Pontiac Korn. 20573 134.33
J. W. Stewart, Lyn, Ont.

Senior Four Year Class

Johanna Pontiac Segis 32510 ..... 129.56
J. W. Stewart, Lyn, Ont.
Pontiac Cornelia Pietje 30676 .... 125.90
A. C. Hardy, Brockville, Ont.
*Pietje Clothilde Pontiac 32348 ... 112.29
A. C. Hardy, Brockville, Ont.
Colony Sadie Canary 30137 ..... 112.11
Colony Farm, Essondale, B. C.
Daisy Pamela Butter Girl 31862 .. 111.17
Arthur Becker, Petersburg, Ont.

Junior Four Year Class..

Belle Model Pontiac 32345 ..... 130.69
A. C. Hardy, Brockville, Ont.
Pontiac Ormsby De Kol 37100 ..... 118.22
R. M. Holtby, Port Perry, Ont.
Colony Sena Newman 36010 ..... 114.46
Colony Farm, Essondale, B. C.
*Belle Model Pietje 2nd 34730 .... 113.46
A. C. Hardy, Brockville, Ont.
North Star Retta Clyde 38674 .... 106.52
J. W. Stewart, Lyn, Ont.

Senior Three Year Class

Elva Spofford 60694 ..... 144.34
J. B. Hanmer, Norwich, Ont.
Flottie Mechthilde Walker 44312 109.12
A. C. Hardy, Brockville, Ont.
Colony Aaggie Pietertje 38774 .... 107.52
Colony Farm, Essondale, B. C.
Countess Echo Alcartra 42154 .... 105.17
D. Raymond, Vaudreuil, Que.

Junior Three Year Class

Het Loo Clothilde Korndyke 38495.. 125.03
W. L. Shaw, Newmarket, Ont.
Echo Griselda D. K. 42360 ..... 106.92
A. C. Hardy, Brockville, Ont.
*Lady Pontiac Allie 43933 ..... 104.28
A. C. Hardy, Brockville, Ont.
Madam Pauline Sylvia 42426 ..... 89.13
A. E. Hulet, Norwich, Ont.
*Ottawa March Ormsby 36769 .... 87.52
Dir. Exp. Farms, Ottawa, Ont.
Aletta Keyes 37913 ..... 85.70
Wm. Stock, Tavistock, Ont.

Senior Two Year Class

Colony Faforit McKinley 42884 .... 100.16
Colony Farm, Essondale, B. C.
Korngold Yamagata Heng. 39331.. 83.69
F. J. McCalpin, Bloomfield, Ont.
Duchess Echo Alcartra 42155 ..... 83.03
D. Raymond, Vaudreuil, Que.
Paladin Beets Hartog 42626 ..... 79.78
J. W. Richardson, Caledonia, Ont.

Junior Two Year Class

Pietertje Mechthilde Walker 54516. 106.37
A. C. Hardy, Brockville, Ont.
*Belle Model Pietje 3rd 52276 .... 88.24
A. C. Hardy, Brockville, Ont.
Leila Pieter Walker 56487 ..... 86.64
Robt. Cooper, Welland, Ont.
Colony Lady McKinley 50291 ..... 85.77
Colony Farm, Essondale, B. C.
Belle Abbekerk 2nd 51331 ..... 82.63
J. B. Hanmer, Norwich, Ont.

EIGHT MONTHS AFTER CALVING DIVISION

Mature Class

Jemima Johanna of Riverside 10254 25.23
W. C. Houck, Chippawa, Ont.
*Johanna Jemima Posch 24685 .... 21.15
W. C. Houck, Chippawa, Ont.
Zarilda Clothilde 3rd De Kol 14887 18.69
Colony Farm, Essondale, B. C.

Senior Four Year Class

*Agassiz Pietje Korndyke 26407 .. 15.72
Dir. Exp. Farms, Agassiz, B. C.

Senior Two Year Class

Colony Faforit McKinley 42884 .... 20.36
Colony Farm, Essondale, B. C.
Princess Evergreen Mech. 44393 .. 12.40
C. W. Davis, Ingersoll, Ont.

Junior Two Year Class

Bessie Posch Colantha 52780 ..... 14.25
A. E. Cornwell, Norwich, Ont.

MILK RECORDS SEVEN DAY DIVISION

Mature Class

Name and No. of cow. — Lbs. milk

May Echo Sylvia 11385 ..... 948.9
A. C. Hardy, Brockville, Ont.
Zarilda Clothilde 3rd De Kol 14887 818.6
Colony Farm, Essondale, B. C.
De Kol Plus Segis Dixie 25787 ..... 802.6
D. Raymond, Vaudreuil, Que.
Mutual Shadeland Queen 23184 .... 774.0
Paul Marlatt, Beamsville, Ont.
Cherry Grove Meta Faforit 29366... 771.6
Wm. Stock, Tavistock, Ont.

Senior Four Year Class

Pontiac Cornelia Pietje 30676 .... 685.4
A. C. Hardy, Brockville, Ont.
Johanna Pontiac Segis 32510 ..... 677.9
J. W. Stewart, Lyn, Ont.
Maud Segis of Elderslie 38710 .... 668.2
Arch. Muir, Scarboro, Ont.
Princess Tidy De Kol 33017 ..... 643.1
F. A. Smith, Queensville, Ont.
Colantha Snowflake 30494 ..... 610.9
W. J. Bailey, Jarvis, Ont.

Junior Four Year Class

Pontiac Johanna De Kol 37096 .... 689.6
A. J. Camplin, Unionville, Ont.
Glenlea Pon. Banostine Belle 32053 680.0
W. J. Cummings, Winnipeg, Man.
Walker Segis Artis 36073 ..... 674.0
Hubert MacDonald, Bloomfield, Ont.
Bessie May Fayne Spink 38290 .... 654.3
H. W. Parkinson, Hagersville, Ont.
Fayne Segis Pontiac 61347 ..... 631.9
Geo. Smith, Port Perry, Ont.

Senior Three Year Class

Flottie Mechthilde Walker 44312 ... 698.4
A. C. Hardy, Brockville, Ont.
Rose Snow Ball 56531 ..... 656.5
Albert Somers, Waterford, Ont.
Colony Cora Cornucopia 36008 .... 613.6
Colony Farm, Essondale, B. C.
Victoria Triumph Korndyke 35380 613.2
Fred Ormiston, Burketon, Ont.
Plus Sylvia Posch 43359 ..... 605.9
A. D. Foster, Bloomfield, Ont.

Junior Three Year Class

Lakeview Dutch. Segis D K 36873 .. 639.[illegible]
Dr. F. A. Heslop, Freeman, Ont.
Clover Hill Lyons Imperial 38872 .. 587.6
Lincoln County Industrial Home, St. Catharines, Ont.
Colony Aaggie Pietertje 38774 ..... 583.4
Colony Farm, Essondale, B. C.
Mary Korndyke Segis 44157 ..... 572.9
John Hennessy, Codrington, Ont.
Sadie Mignone Korndyke 43888 .... 565.3
D. B. Tracy, Cobourg, Ont.

Senior Two Year Class

Colony Faforit McKinley 42884 .... 547.4
Colony Farm, Essondale, B. C.
*Colony Neth. Segis Clo. 42889 .... 509.7
Colony Farm, Essondale, B. C.
Keyes Segis Alcartra 47987 ..... 540.4
E. B. Purtelle, Bloomfield, Ont.
Mamie Segis Korndyke 51078 ..... 514.[illegible]
D. B. Tracy, Cobourg, Ont.
Burnside Fayne Echo 47322 ..... 511.8
John B. Wylie, Almonte, Ont.
*Lula Segis Alcartra 47988 ..... 494.[illegible]
E. B. Purtelle, Bloomfield, Ont.
Fairmont Alcartra Maud 48067 .... 492.9
Peter S. Arbogast, Mitchell, Ont.

Junior Two Year Class

Mechthilde Korndyke Walker 54513 528.9
A. C. Hardy, Brockville, Ont.
Colony Lady McKinley 50291 ..... 513.[illegible]
Colony Farm, Essondale, B. C.
Leila Pieter Walker 56487 ..... 501.0
Robt. Cooper, Welland, Ont.

(Continued on page 86.)

LINCOLN

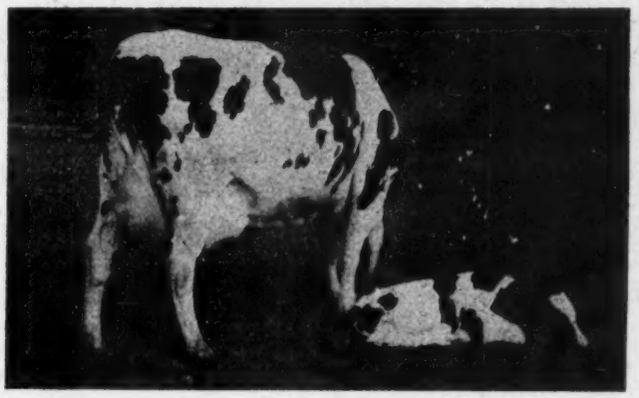
Lancaster County Holstein Breeders' Ass'n

Featuring—

VARSITY DERBY REX, 230214

Herd Sire of

Young & Krumhauer's Wineland Farm Holsteins — Lincoln Neb.



ROXEVA LINCOLN, 262517

(Dam of Varsity Derby Rex, 230214)

Sire, King Segis Hengerveld Vale, 60344, 11 A. R. O. daughters. Dam, Roxanna Parthenea, 60400. (See below). Roxeva Lincoln has a record as a 4-year-old of 19,361.3 pounds milk and 841.45 pounds of butter in one year.

ROXANNA PARTHENEA, 60400

Grandam of Varsity Derby Rex, a very high class show cow with a semi-official record of 951.71 pounds of butter and 21,613 pounds of milk.

We will have four high class heifers in the Lancaster County Holstein Breeders Sale at Lincoln, Nebraska, May 8-9, 1920. These heifers are all sired by Rox Lad Lincoln, 59735, a great show and breeding bull, whose dam has a semi-official record of 951.71 pounds of butter, 21,613.6 pounds milk.

Young & Krumhauer **Lincoln, Neb.**

Our Annual Breeders' Sale
May 6-7 at
Nebraska State Fair Grounds

Address J. E. PALM, Secretary
(Holstein Headquarters, Lindell Hotel)
Lincoln, Nebraska

NEBRASKA

Watch For His Picture

SIR RIVERDALE

SON OF

MAY ECHO VERBELLE

Butter 29.82
Milk 702.9

The only 600-lb. cow with four 600-lb. daughters.

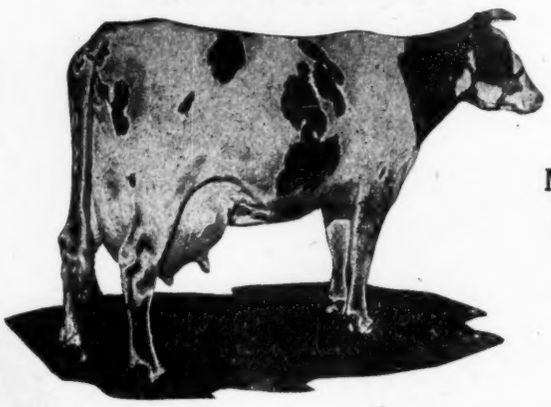
MAY ECHO KEYES
Milk 663.5

MAY ECHO DARKNESS
Milk 603.7

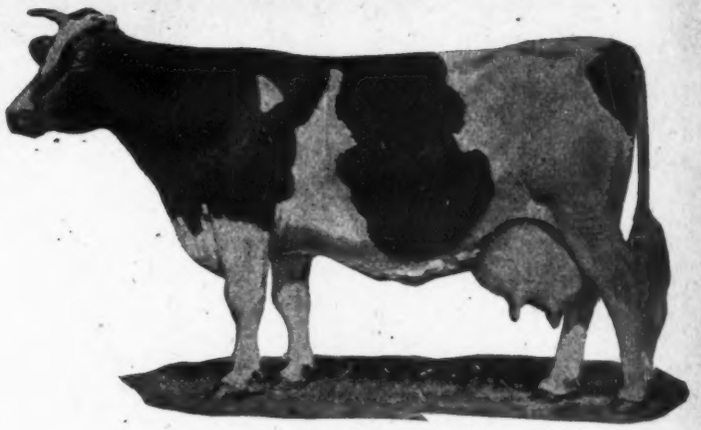
MAY ECHO SYLVIA
Milk ..... 1005.

LAWNCREST MAY ECHO POSCH
Milk 701.1

His Maternal Sister



May Echo Sylvia



—— Come To

The Fountain Head

HIS DAM—May Echo Verbelle

ECHO LYONS

This bull now stands at the head of the Idyllwilde Herd.

His purchase was decided upon, only after a careful review of the entire "May Echo" family—conducted for the purpose of determining, if possible, the source of the phenomenal milk production in this line and we believe that trait is directly traceable to May Echo Verbelle for these reasons—

1.—She is the only 600-lb. cow that has ever produced FOUR 600-lb. daughters.

2.—With but one exception, among the twenty-four descendants of May Echo through the female line, that have made over 30 lb. butter or 600 lb. milk—ALL come through the May Echo Verbelle branch.

3.—She has over 700-lb. milk—two of her daughters over 700 lb. and all four over 600 lb. Furthermore two of these four daughters have each produced a 600-lb. daughter.

4.—The milk records of May Echo Verbelle and ALL of her descendants through the female line, 19 in number, average over 560 lb. milk, with ten of them under full age and eight of the number over 600 lb. milk.

If we apply the generally accepted belief that dams transmit through sons—then what must we expect from the daughters of a son of such a cow?

Watch for later announcements

— W. H. MACE

Cortland, N. Y.

First Annual Sale

Monday May 17

AT

Idyllwilde Farm

Watch For Important Announcements

The Canadian Prize List For 1919

(Continued from page 82.)

Mona Jewel 66705 ..... 500.1
John Henning, Nanticoke, Ont.
Helena Sylvia Keyes 53007 ..... 478.4
A. D. Foster, Bloomfield, Ont.

THIRTY DAY DIVISION

Mature Class

May Echo Sylvia 11385 .....3623.7
A. C. Hardy, Brockville, Ont.
Zarilda Clothilde 3rd De Kol 14887..3440.0
Colony Farm, Essondale, B. C.
De Kol Plus Segis Dixie 25787 ....3287.3
D. Raymond, Vaudreuil, Que.
*Pietje Car Born De Kol 22877 ....3237.8
A. C. Hardy, Brockville, Ont.
*Helena Keyes Posch 21376 .....3059.5
Dir. Exp. Farms, Ottawa, Ont.
Rolo Mercena De Kol 30313 .....2930.6
J. B. Hanmer, Norwich, Ont.

Senior Four Year Class

Johanna Pontiac Segis 32510 .....2675.8
J. W. Stewart, Lyn, Ont.
Pontiac Cornelia Pietje 20676 .....2553.1
A. C. Hardy, Brockville, Ont.
Colony Sadie Canary 30137 .....2494.0
Colony Farm, Essondale, B. C.
*Pietje Clothilde Pontiac 32348 ....2409.3
A. C. Hardy, Brockville, Ont.
*May Echo Lyons Twice 32215 .....2206.6
A. C. Hardy, Brockville, Ont.
Daisy Pamela Butter Girl 31862 ....2009.9
Arthur Becker, Petersburg, Ont.

Junior Four Year Class

Walker Segis Artis 36073 .....2740.0
Hubert MacDonald, Bloomfield, Ont.
Belle Model Pontiac 32345 .....2647.4
A. C. Hardy, Brockville, Ont.
North Star Retta Clyde 38674 .....2497.9
J. W. Stewart, Lyn, Ont.
Glenlea Homestead Rose 41136 ....2453.7
W. J. Cummings, Winnipeg, Man.

Senior Three Year Class

Flottie Mechthilde Walker 44312 ..2661.3
A. C. Hardy, Brockville, Ont.
Colony Cora Cornucopia 26008 ....2601.8
Colony Farm, Essondale, B. C.
Victoria Triumph Korndyke 35380 2595.2
Fred Ormiston, Burketon, Ont.
Countess Echo Alcartra 42154 ....2371.1
D. Raymond, Vaudreuil, Que.

Junior Three Year Class

Echo Griselda De Kol 42360 .....2388.0
A. C. Hardy, Brockville, Ont.
Het Loo Clothilde Korndyke 38495..2222.8
W. L. Shaw, Newmarket, Ont.
*Lady Pontiac Allie 43933 .....2067.6
A. C. Hardy, Brockville, Ont.
Aletta Keyes 37913 .....1898.0
Wm. Stock, Tavistock, Ont.
*Ottawa March Ormsby 36769 .....1857.5
Dir. Exp. Farms, Ottawa, Ont.
Madam Pauline Sylvia 42426 .. ..1807.7
A. E. Hulet, Norwich, Ont.

Senior Two Year Class

Colony Faforit McKinley 42884 ....2293.4
Colony Farm, Essondale, B. C.
*Colony Neth. Segis Clo. 42389 ....2134.9
Colony Farm, Essondale, B. C.
Samantha Heng. Changeling 46410..1932.8
Wm. Stock, Tavistock, Ont.
Duchess Echo Alcartra 42155 .....1885.7
D. Raymond, Vaudreuil, Que.
Korngold Yamagata Heng. 39331 ..1824.0
F. J. McCalpin, Bloomfield, Ont.

Junior Two Year Class

Mechthilde Korndyke Walker 54513 2179.5
A. C. Hardy, Brockville, Ont.
Colony Lady McKinley 50291 .....2164.7
Colony Farm, Essondale, B. C.
Leila Pieter Walker 56487 .....2159.5
Robt. Cooper, Welland, Ont.
*Pietertje Mechthilde Walker 54516 2051.2
A. C. Hardy, Brockville, Ont.
*Pontiac Lady Waldorf 2nd 52279 ..1742.3
A. C. Hardy, Brockville, Ont.
*Belle Model Pietje 3rd 52276 .....1732.7
A. C. Hardy, Brockville, Ont.
Belle Abbekerk 2nd 51331 .....1726.2
J. B. Hanmer, Norwich, Ont.

EIGHT MONTHS AFTER CALVING DIVISION

Mature Class

Jemima Johanna of Riverside 10254 555.4
W. C. Houck, Chippawa, Ont.
*Johanna Jemima Posch 24685 .... 476.6
W. C. Houck, Chippawa, Ont.
Zarilda Clothilde 3rd De Kol 14887.. 453.6
Colony Farm, Essondale, B. C.

Senior Four Year Class

*Agassiz Pietje Korndyke 26407 ... 306.5
Dir. Exp. Farms, Agassiz, B. C.

Senior Two Year Class

Colony Faforit McKinley 42884 .... 381.9
Colony Farm, Essondale, B. C.
Princess Evergreen Mech. 44393 .. 325.3
C. W. Davis, Ingersoll, Ont.

Junior Two Year Class

Bessie Posch Colantha 52780 ..... 337.0
A. E. Cornwell, Norwich, Ont.

YEARLY DIVISION

Mature Class

Name and No. of Cow	Lbs. Butter 80% Fat	Lbs. Milk
Jemima Johanna of Riverside 10254	1280.00	30373
W. C. Houck, Chippawa, Ont.		
Calamity Snow Mechthilde 2nd 26707	1108.75	25598
Walburn Rivers, Ingersoll, Ont.		
Rose Wayne 21498	878.85	18635
Thos. P. Charleson, Ottawa, Ont.		
Pride's Fayne De Kol 17767	830.00	20040
M. Thos. Allen, Chesterville, Ont.		
Bridal Rosa Sylvia 23691	828.75	25487
R. J. Graham, Belleville, Ont.		
Nora Canary 23205	827.50	15865
J. M. Steves, Steveston, B. C.		
*Echo Pauline Sylvia 23687	826.25	21973
R. J. Graham, Belleville, Ont.		
Aurora Mechthilde 9701	818.75	19271
Dir. Exp. Farms, Agassiz, B. C.		

Four Year Class

Agassiz Pietje Korndyke 26407	933.75	19935
Dir. Exp. Farms, Agassiz, B. C.		
Springbank Betsy Colantha 31240	823.75	16201
T. H. Dent & Son, Woodstock, Ont.		
Marie Calamity Fayne 29205	777.50	18864
Richard Honey, Dartford, Ont.		
Cherry Grove Meta Faforit 29366	755.00	18061
Wm. Stock, Tavistock, Ont.		
L. F. Snowball Althea 25729	695.00	15507
L. F. Sooly, Westholme, B. C.		
Della Segis of Elderslie 33856	691.25	17311
Arch. Muir, Scarboro, Ont.		
Mercena of Trout Creek 33694	658.75	15406
D. O'Mahony, Millgrove, Ont.		

Three Year Class

Agassiz Priscilla Korndyke 32145	822.50	18731
Dir. Exp. Farms, Agassiz, B. C.		
Maud Segis of Elderslie 38710	796.25	19296
Arch. Muir, Scarboro, Ont.		
Favorita 3rd 43567	780.00	16215
Stinson Mercer, Rosedale, B. C.		
Princess Patricia Colantha 37335	735.00	18262
Richard Honey, Dartford, Ont.		
Wilma of Pleasant Valley 36365	716.25	15060
N. Sangster, Ormstown, Que.		
Keyes Echo Segis 36973	678.75	15077
Nelson Bros., Codrington, Ont.		
Cornelia Victoria Korndyke 43067	677.50	14624
Arthur Becker, Petersburg, Ont.		

Two Year Class

Queenie Mantel of Greenrigg 38309	681.25	16192
J. F. Gibbons, Renfrew, Ont.		
Colony Netherland Segis Newman 36009	680.00	16755
Colony Farm, Essondale, B. C.		
Zozo Wayne De Kol 42946	668.75	15707
C. P. R. Demonstration Farm, Strathmore, Alta.		
Winnie Dewdrop Keyes 45594	662.50	16739
T. H. Dent & Son, Woodstock, Ont.		
Dore Fayne Posch 45277	612.50	13231
Thos. A. Barron, Brantford, Ont.		
Favorita 4th 54858	598.75	13248
Robt. Mercer, Rosedale, B. C.		
*Zozo Wayne Mechthilde 37528	571.25	14093
C. P. R. Demonstration Farm, Strathmore, Alta.		
Lulu Segis of Elderslie 51112	513.75	11892
Arch. Muir, Scarboro, Ont.		

CARNATION FARMS CONSIGN TO CALIFORNIA

One of the important consignors to the California Holstein Breeders' Guaranty Sale to be held at Sacramento, March 25, will be Carnation Stock Farms of Seattle, Wash., who have promised a select consignment. The number will include Lady Coloma Gelsche, whose picture is reproduced here. She is described as a show cow in every way and one that will do credit to any man's herd, being square behind, with smooth shoulders, of good depth and with an excellent udder. She is just 4 years old and has a senior 3-year-old record 24.72 lbs. butter from 447.9 lbs. milk. Most important of all, she was bred in January to Carnation King Sylvia, the $106,000 bull.

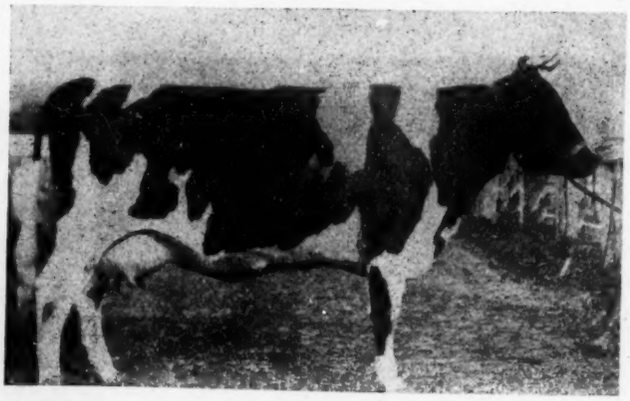
This heifer is a daughter of Prince Prilly Gelsche, who is a promising son of the good transmitting sire, Artis De Kol Walker, from a 28-lb. cow that has five good record daughters, his second dam being a 29-lb. daughter of the great foundation cow, Prilly. The dam of the cow they are sending to California made her 21 lb. 4-year-old record more than 10 years ago. She is a daughter of Duke Fairmount De Kol.

This is a cow of representative Carnation Farm quality and being bred to Carnation King Sylvia, should be one of the attractions at the California State Sale.

Done at Leisure

Willie—Paw, what are hieroglyphics?

Paw—The things a man makes on a pad with a pencil while he is using the telephone, my son.—Cincinnati Inquirer.



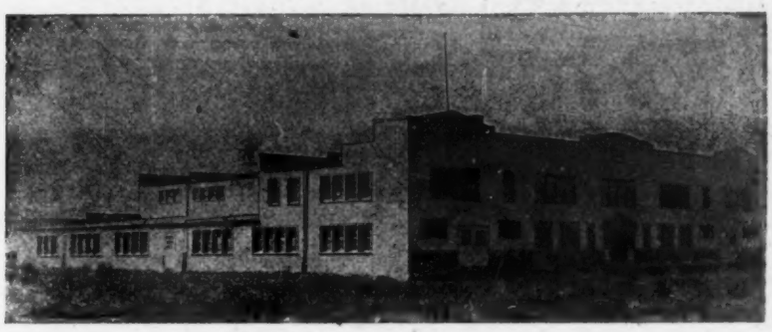
CARNATION KING DE KOL
The first son of Carnation King Sylvia, owned by Carnation Stock Farms, Seattle, Wash.

THE HOLSTEIN BREEDERS SALE CO.

Fond du Lac, Wis. March 16-17, 1920

Will Sell 200 Head of Cattle

The sale will take place in our new $35,000 sale pavilion. This building is steam heated, and has all the conveniences for your comfort. The management wishing to protect their customers, and get the papers in their hands as soon as possible, has taken over all papers, and pay for animals to the consignor will not be made, until all papers are in the manager's hands. The management will guarantee papers or money refunded.



We will sell 25 bulls, most of them ready for service

We offer 2 2-year-old bulls, one of them a show bull out of a 29-lb. dam and a 31-lb. sire's dam. A 27-lb. son of Rag Apple Korndyke 8th. A 26-lb., a 25-lb. and 2 23-lb. bulls. Also 2 good yearly record bulls. We will sell 85 cows. Quite a number of them have A. R. O. records up to 21 lbs. Some are fresh with calves at side, some to freshen in early summer, but a large majority will be heavy springers at sale time.

50 2-year-olds, most of them heavy springers.

40 open heifers and heifer calves.

Fisher Stock Farm consigns 25 head. A beautiful 4-year-old daughter of a 31.82-lb. cow sired by a 37-lb. bull and bred to Otsego Hengerveld Ormsby, a 40-lb. bull. She is due sale time. A 16-lb. daughter of King of the Pontiacs out of a 24-lb. dam due sale time to the above sire.

2 heavy springing 4-year-olds bred to Sir Echo Sylvia Pontiac.

2 heavy springers bred to a 38.77-lb. bull. A 17.53-lb. cow, record made at 26 months, bred to freshen March 26, to a 35-lb. bull.

F. B. Johnson consigns 41 head among them a 27-lb. bull, a son of Rag Apple Korndyke 8th.

A 2-year-old springing daughter of a 28-lb. cow bred to a 47-lb. bull. 22 cows and heifers most of them springing, and 16 open heifers.

Dr. M. W. Brash consigns 26 head of well bred cows and heifers, with good A. R. O. backing, bred to high record sires, and most of them fresh or springing. He includes in his consignment a 21-lb. cow, also 2 daughters of 18-lb. cows, and two splendid 2-year-olds from 24-lb. dams due at sale time.

Dr. W. H. Wilson consigns 19 head; 1 2-year-old herd sire, a son of a 29-lb. cow, sired by a 31-lb. bull. Most of the females included in his offering are bred to this bull, and are strong in the blood of Juliana King Repeater.

F. A. Ames & Son consign a fine lot of 2-year-olds bred to a son of King Segis Pontiac Alcartra.

S. H. Bird consigns a 2-year-old daughter of a 25-lb. cow due in April, bred to his 30-lb. sire.

Roy Van Pelt a 21-lb. 4-year-old.

W. F. Braatz, a 19-lb. cow and a yearly record bull whose dams average 833 lbs. butter in 365 days.

F. J. Bristol & Sons Co. consign 6 daughters and 1 son of Adventure Lad their 31-lb. sire.

Fletcher Bros. are consigning a yearling show bull out of a 25-lb. dam by a 32-lb. sire. A half sister to the bull from the same dam has just made 30.15 lbs. butter from 564.8 lbs. milk.

All animals over 6 mo. of age tuberculin tested and guaranteed breeders.

Consignors:

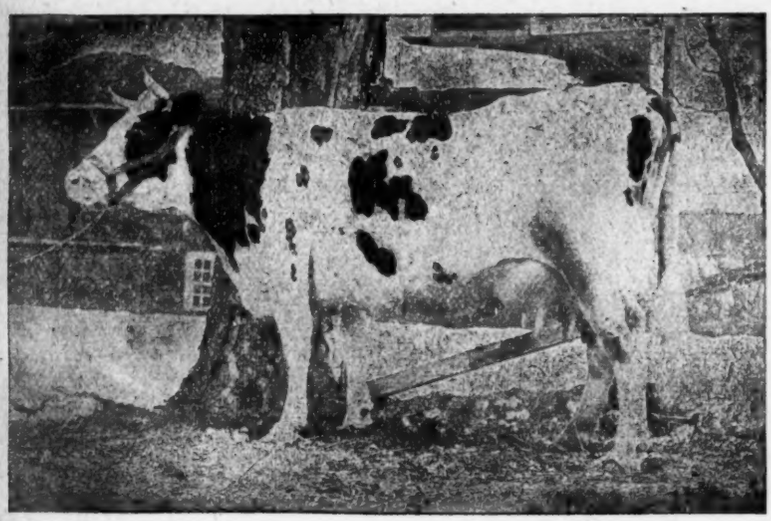
F. J. Bristol & Sons Co.
Fisher Stock Farm
Alfred Backhaus
Boelke Stock Farm
S. C. Stanchfield
R. Van Pelt
Fletcher Bros.
Geo. H. Thompson
Chas. Braatz & Son
F. A. Ames & Son
Dr. W. M. Brash
Peter Ulrich
John Zoberlin
W. F. Braatz
H. L. Pieper
Perry Atwood
S. M. Randall & Son
Dr. W. H. Wilson
F. B. Johnson
Wm. C. Voight
John Warber
Chas. F. Schultz
S. H. Bird
Wm. Braatz & Sons
T. V. Cain
C. M. Corcoran

Auctioneers—Haeger, Kelley, Mack, Wood, Pohlman
Catalog Ready March 1st

S. H. BIRD, Sales Manager **SOUTH BYRON, Wis.**

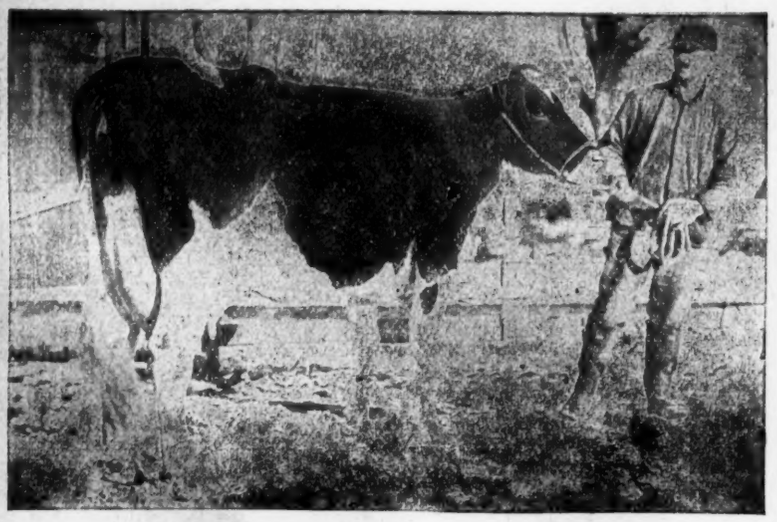
MILLIE KORNDYKE WIETSKE

108.13 lb. butter, 2,286 lb. milk in 30 days. To be sold with her daughter in The 1920 Sale.



KING PONTIAC CALYPSO DE KOL

At 4½ years, 110.85 lb. butter, 2,294 lb. milk in 30 days. To be sold with three of her daughters in The 1920 Sale.



ARCADY PONTIAC NETHERLAND BEETS

A granddaughter of Hengerveld De Kol to be sold with her daughter in The 1920 Sale.

The Great Sp

175—Purebred T

THE

Syracuse, N.

This Extraordinary Guaranty Sale

will afford a wonderful opportunity for the purchaser from a distance to buy to the best possible advantage under conditions sefeguarding his investment. Here will be dispersed several notable herds of quality—in addition to consignments of the finest animals that could be selected for the sale.

Representative Breeders

make up the list of individual consignors whose offerings are included in addition to the foregoing. Care has been exercised to exclude undesirable entries. Consignments, in most instances, represent the best that the owner has in his herd.

A Goodly Proportion

of the entries consists of cows fresh or soon due, and in the sale will be a splendid lot of heifers of the right age to turn out to pasture as soon as spring opens up—a most important feature considering the ever-growing scarcity of heifers.

The Great Springt

E. M. HASTI

ringtime Sale of the Best the East Can Produce

uberculin-Tested Guaranteed Holsteins—175

1920 SALE

Y. March 30 and 31—Two Big Days

THE SUSQUEHANNA FARMS HERD (Lee Kinne, Owner)

Hartwick Seminary, N. Y., represents the work of more than a quarter-century on the part of the proprietor who through these years has toiled early and late and put forth every effort to build up a real breeder's herd. The herd is made up almost entirely of animals bred and reared on Susquehanna Farms. Its members show the type, conformation and size that stand for dairy and breeding quality. In this herd are some of the grandest dairy matrons to be found anywhere—cows with immense depth and breadth, tremendous udders of perfect shape, straight top-lines and, throughout, the fine, clean-cut make-up that tells of purebred quality. The herd includes:

A 34-lb. cow
A 32-lb. cow
A 31.99-lb. cow
A 28-lb. cow
A 27.96-lb. cow
Others with records of 26 and 25 lb.

2 daughters of a 34-lb. cow
A daughter of a 31-lb. cow sired by a 37-lb. bull.
3 daughters of a 28-lb. cow
Daughters of cows with records of 27-lb., 26-lb., etc.

This herd is made up largely of daughters of Pietertje Hengerveld Segis and Great Peter and its females of breeding age have been bred to one or the other of these sires. Pietertje Hengerveld Segis has a larger number of A. R. O. daughters than any other living sire and in the work of his daughters he is far ahead of any other son of King Segis.

THE PURCELL HERD,

purchased by Leon More and consigned in its entirety, is likewise a breeder's herd of rare individual quality and of unusual dairy excellence though consisting largely of animals without official records. The herd has long been headed by high-class sires and the present herd sire is a 30-lb. bull of pronounced show quality.

PLEASANT VIEW FARM HERD (J. Henry Gamble, Owner)

Chateaugay, N. Y., is one of the attractive features of the sale. Of the thirty-odd head comprising this herd, all but two were raised by the present owner. The herd consists mainly of daughters of three well-bred sires—a son of Homestead Girl De Kol Sarcastic Lad, a grandson of Colantha Johanna Lad and Changeling and the present herd sire who is a son of King Segis Pontiac Alcartra from a 27-lb. daughter of King Pieter, next dam a 31-lb. cow of quality. Of the females of milking age, nearly all have creditable A. R. O. records. Individually as in the breeding this herd represents a high average.

ime Guaranty Sale of the Best the East Can Produce

NGS CO., Sale Managers, Lacona, N. Y.

JOSEPHINE CALAMO SEGIS LYONS
Her sire is from a 28-lb. daughter of Paul Calamo Korndyke, owned by Schmitt & Schafer, Evansville, Ind.

SCHMITT & SCHAFER TO STAGE GOOD SALE

The following letter from Schmitt & Schafer of Evansville, Ind., gives some information about the character of the animals to be sold in their sale at that place March 25, advertisement of which appears elsewhere in this issue.

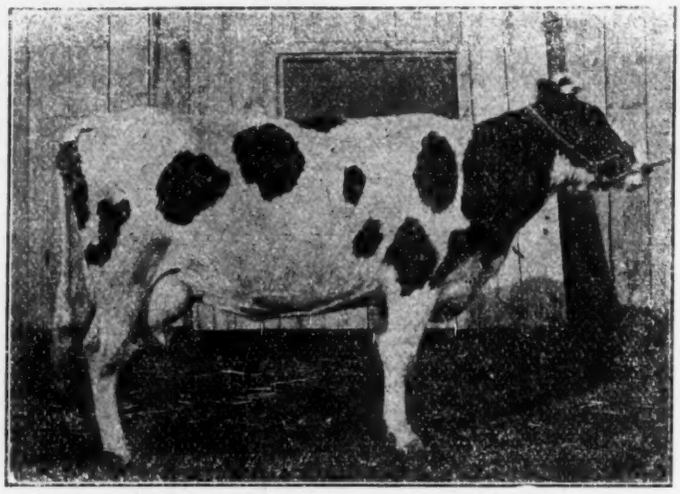
"Concerning our sale we wish to say that it promises to be one of the best ever held in Indiana. Every effort has been used to make this a quality sale, in fact there will be many animals with breeding that the average breeder does not possess. The consignment consists of about 7b head, which includes two daughters of the noted century sire, King Segis Pontiac 44444. One of these splendid heifers is just past a year old and is out of a 14-lb. 2-year-old granddaughter of Pontiac Korndyke. Some of the other outstanding individuals will be a daughter of a 30-lb. daughter of King Segis Pontiac. This heifer has just freshened for the first time at the age of 3 years and 2 months, her calf being a daughter of Sir Ormsby Skylark. This little sister of the world's champion will also be sold.

"There will be two daughters of Paul Calamo Korndyke 49342 (three times grand champion at the National Dairy Show, out of A. R. O. dams.) There will be daughters of Pearl King Segis Pontiac and King Segis Pontiac Calamo, both of these bulls are sons of King Segis Pontiac. Daughters of cows with records up to 30-lbs. and cows with records up to 26 lbs. One of the best bulls in the sale will be Pabst Korndyke Benjamin, a son of Korndyke Segis Johanna, out of Pabst Champion Johanna 24.31 at 2 years, 3 months, she being the highest record 2-year-old daughter of King Pontiac Champion. This bull is just two years old and was purchased from Pabst Stock Farm to head the herd of Mr. Arthur Grewe. Mr. Grewe has since sold most of his herd and has consigned him to this sale.

"There will be about 20 cows bred to King Segis Pontiac Calamo. This splendid youngster is a show bull of national repute, winning first prize at New York State Fair, 1918, and third prize at the National Dairy Show in 1918.

"The offerings of this sale are from some of the best breeders in southern Indiana, and every animal of breeding age will be guaranteed a breeder. All animals sold over six months of age will be tuberculin tested and sold subject to a 60-day retest.

"Evansville is located in the southern part of Indiana and in one of the most progressive dairy districts of the central west. It has direct connection with Chicago, St. Louis, Mo., and Nashville, Tenn."



BEAUTY CALAMO EMPRESS
A daughter of the wonderful show bull, Paul Calamo Korndyke. Owned by Schmitt & Schafer, Evansville, Ind.

KATHLEEN PIEBE ORMSBY
Her dam is a daughter of Duchess Ormsby Piebe Burke, and her sire's dam has a record of almost 28 lbs.

Past

"Do you think the millennium will ever come?"

"My dear sir, the millennium was here about five years ago, but we didn't know it at the time."

A snapshot of the fellow who has been struck by a mental bolt of what he has missed in our three-inch offerings of two, three and four weeks ago. However, the bolt got in its work too late.

It Requires a Bolt of Lightning To Wake Up, to Jar, Some People!

That's precisely what we are attempting in this big space. Fancy using a Super-6 Pierce-Arrow as a tender for a Ford gig—using a 25 h. p. compressed air drill to make a hole capable of being made by a 98-cent Tears, Sawbuck & Co. hand drill? 'Magine anything more ridiculous? Notwithstanding, we're

Using A Whole Page of the World

Merely to call attention to the many good things (good things is right!) that are done up each week in that little Broadhurst three-inch package. Got the idea?

Well, during the past year we have shipped by express (mostly on telegraph orders) specimens of **Broadhurst Quality** to pretty near every state in the union—also to faraway Brazil; two different shipments to the same customer in the Island of Cuba—all being sent to strangers, residing hundreds and thousands of miles from our farm—strangers who merely made their remittances and left the rest to us, banking on us to make good every assurance contained in our little three-inch space, viz: that what we offered was of superior individuality, exceptionally well grown, from a clean herd, absolutely free from tuberculosis and other diseases with a guarantee of safe delivery, and what's more important **"100% Satisfaction,"** in every respect—otherwise they had the privilege of putting the consignment right back in the crate and expressing it back at our expense.

DID WE DISAPPOINT 'EM?

WE DID NOT! NONE CAME BACK.

DID THEY REALIZE 100% SATISFACTION

WE'LL LEAVE IT TO YOU!

Just glance over the following unsolicited letters, taken almost at random, from a hundred or more, from different parts of the globe:

BEST BULL HE'S EVER SEEN

Martinsburg, W. Va., Jan. 5, 1920.
Mr. John H. Broad:
Dear Sir— * * * Am very well pleased with all the heifers and one of my neighbors declares my bull is the best he has ever seen.
C. T. Hollida.

WELL PLEASED WITH HEIFER CALVES

Island City State Bank
A. L. Morken, Cashier
Cumberland, Wis., Nov. 14, 1919.
Mr. John H. Broad:
Dear Sir—We are well pleased with the heifer calves which you sent me. They are doing nicely.
A. L. Morken.

A SHOW IN HIMSELF

Puerto Padre, Island of Cuba, Dec. 9, '19
Dear Mr. Broad—At last, after a fifteen-day trip I received the bull you sold me. Although the passage was long and rough the young bull arrived in the best condition. Upon his arrival many people came to my place to have a look at him and everybody were admirers of his well grown and fine shape. I am, of course, well pleased with him.
Luis Queral y Mayo.

HIS THIRD BROADHURST BULL WITHIN 6 MONTHS

"The Barrens"
Roanoke, Va., October 11, 1919.
John H. Broad:
Dear Sir—The last bull came in good condition and I don't think I ever saw a finer individual. P. C. Huff.

THE KIND THAT ATTRACTS ATTENTION

Troy, Pa., March 21, 1919.
Dear Sir—We received the Broadhurst Alcartra bull yesterday in good condition. We are very much pleased with him. He certainly is a nice, well grown fellow for his age. He attracted quite a bit of attention as I came through the town. All who have seen him think he is very large for his age and also a fine individual.

"COME UP TO YOUR FULL REPRESENTATIONS"

Springdale Farm
Washington, D. C., August 11, 1919.
John H. Broad:
Dear Sir—I am very well pleased with the pair of heifers I found at the farm on my return from a two weeks' trip. They are a fine pair of heifers and come up to your full representations.
W. W. Griffith.

IS VERY WELL PLEASED

Maple Lawn Farm
Plymouth, Mich., October 24, 1919.
J. H. Broad:
Dear Sir—The heifer arrived Friday noon and in splendid condition. * * * We are very well pleased with her.
Wm. P. Wernet & Son.

PLEASED WITH HIS PURCHASE

S. R. Howe
Breeder of Purebred Holstein Cattle
Fort Worth, Texas, April 28 1919.
John H. Broad:
Dear Sir—The pair of heifer calves arrived on the 26th inst., in fine condition. * * * I am well pleased with my purchase. Thanking you for your square dealing, I remain,
S. H. Howe.

EVEN MORE THAN HE EXPECTED

Apple Grove Farm
Berne, Ind., May 31, 1918.
Mr. John H. Broad:
Dear Sir—The calf arrived as safe and hearty as could be expected after making such a long trip. I must frankly admit that he is even more than we had expected him to be. Everybody that has seen him speaks very highly of his size and individuality. Here is hoping that we will have some future business to transact.
C. W. R. Schwartz.

"Broadhurst Quality" and "100%" Satisfaction Are Synonymous!

Quality as to size and individuality—Quality as to Breeding; also Satisfaction

☞ *Now turn to page 57 of this issue of the World and note the large amount of breeding, of value, done up in that little three-inch package.*

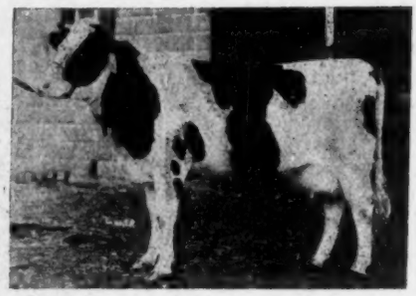
Broadhurst Holstein Farm

John H. Broad, Owner

MORRISVILLE, N. Y.

"Which is in Madison County."

INDIVIDUALITY



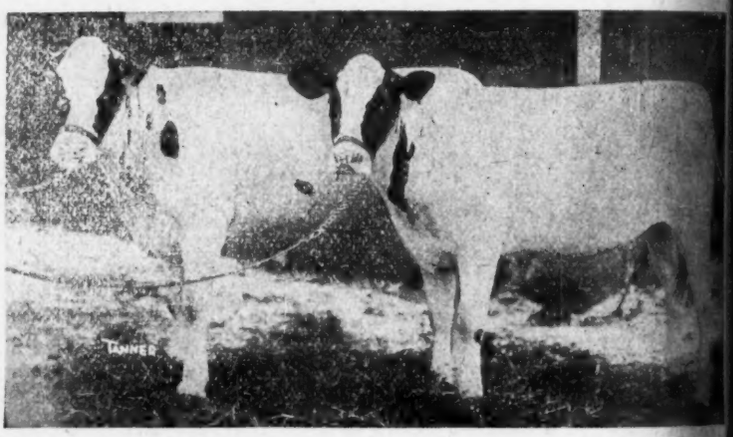
The above are all granddaughters of Sir Ormsby Skylark. To be sold.

Iowa State

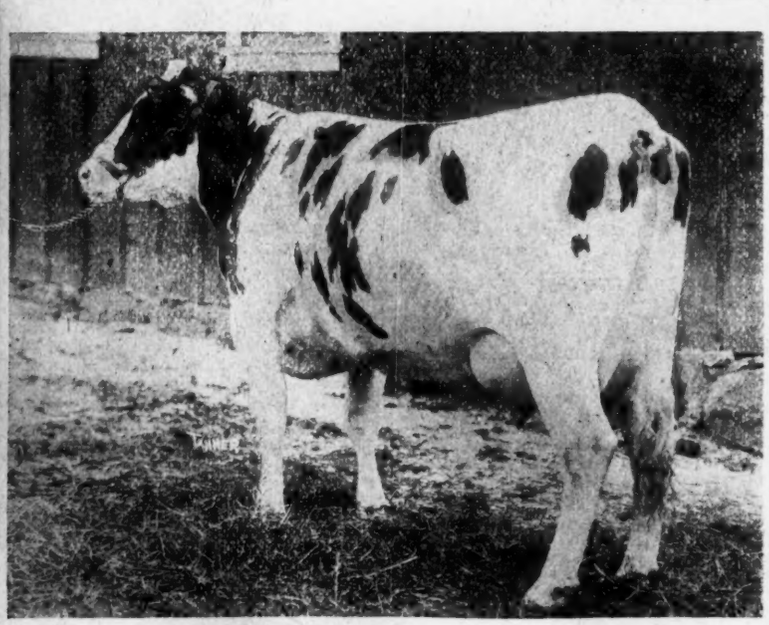
Perhaps the most important thing to be impressed upon the minds of the readers of this copy and those interested in purchasing at this sale is the TYPE AND INDIVIDUAL QUALITY OF EACH AND EVERY ANIMAL.

When it comes to these things you will find the animals assembled for the Iowa State Sale—animals picked from the leading herds of the state—will compare most favorably with those ever before entered in any state breeders sale—sales which have come to be recognized as market places for the best.

Furthermore, with this quality we have breeding and records sufficient to attract the attention of any enthusiastic Holstein man.



This beautiful pair to be sold.



A 26-lb. daughter of a 37-lb. cow. To be sold.

—Consigned by—

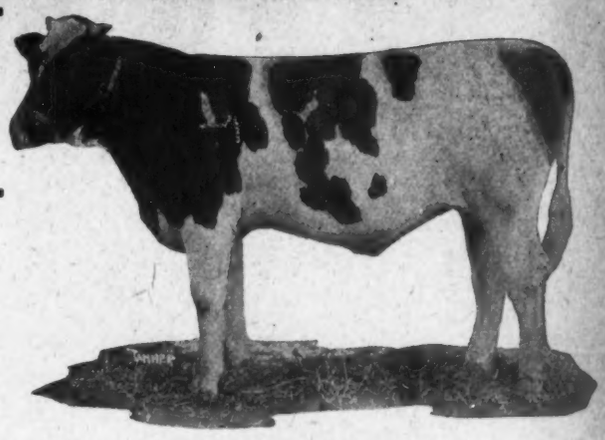
C. H. Smith
L. G. Gleim
Corwin Farms
Hargrove & Arnold
W. B. Barney & Son
B. C. Hemphill
W. B. Loveland
Paul Stewart
Iowana Farms
Maxwell Farms
Gillette & Merriam
W. R. Hostrop
Cass Farms
M. Breen & Son
T. R. Ballantyne

Animals All Federally Tested

Waterloo, Iowa, Mar.

The Foundation of This Sale

Breeders Sale



Son of a 39-lb. cow. To be sold.

Some of the Attractions In this Sale

A 37-lb. cow and many of her offspring.

A 26-lb. state champion two-year-old daughter of a 37-lb. dam.

A 600-lb. junior two-year-old that has produced over 100 lbs. milk in a day. She is sired by a son of a 700-lb. cow—her dam a daughter of a 37-lb. cow.

A son of a 37-lb. cow sired by a 30-lb. son of Aaggie Cornucopia Johanna Lad. A show calf himself and one of the star attractions.

A 33-lb. cow that made over 33 lbs. butter from 730 lbs. milk in seven days with a C. T. A. record of 10,032 lbs. butter and almost 25,000 lbs. milk.

A son of a 33-lb. cow sired by a son of Jessie Fobes Bessie Homestead with 34 lbs.

A 20-lb. yearling daughter of a 37-lb. cow.

A 28-lb. granddaughter of King Walker with almost 700 lbs. in seven days, in calf to a son of Jessie Fobes Bessie Homestead with 34 lbs.

A daughter of the famous show bull, Oak De Kol Ollie Homestead, in calf to Major Pietertje Ormsby.

A 23-lb. daughter of Bracelet Sir Korndyke. This cow exhibited at 28 state fairs and dairy shows and has been a first prize winner 24 times.

Three yearling daughters of King Pietertje Ormsby Piebe in calf to a son of a 42-lb. cow with almost 1300 lbs. in a year.

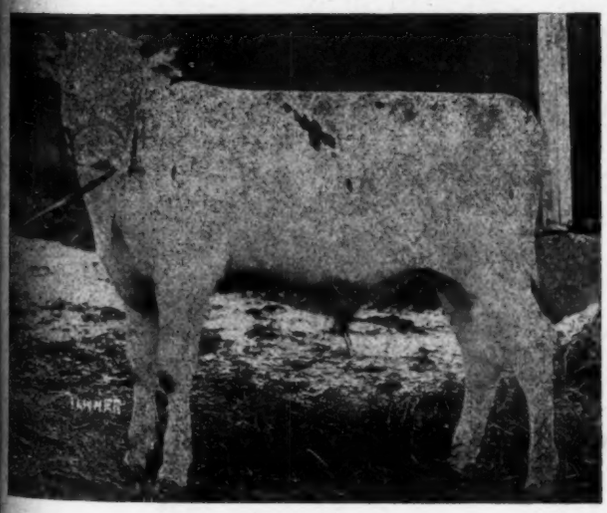
Four daughters of King Mutual Korndyke in calf to King Pietertje Ormsby Piebe, both sons of cows with records above 1200 lbs. in a year. Six granddaughters of the great Sir Ormsby Skylark, all in calf to a 31-lb. son of the same sire.

A two-year-old sister to Nancy Lucy Hengerveld (40 lbs.) in calf to a son of Sir Pietertje Ormsby Mercedes.

All of these great cows—every one of them fit for a show ring—are in calf to Iowa's greatest sires.

Never before has there been assembled such a collection of high record show ring individuals to be sold in the state of Iowa.

It is an event breeders in all sections of the country should not overlook and to this fact, add that all animals are federally tested and guaranteed and you will better appreciate the true significance of this great sale.



Son of a 33-lb. cow to be sold.

COME

C. F. JENNESS, Secy.
Waterloo, Iowa

Don't forget the Big Banquet Mar. 22

Mar. 23-24

IOWA HOLSTEINS

IOWA STATE

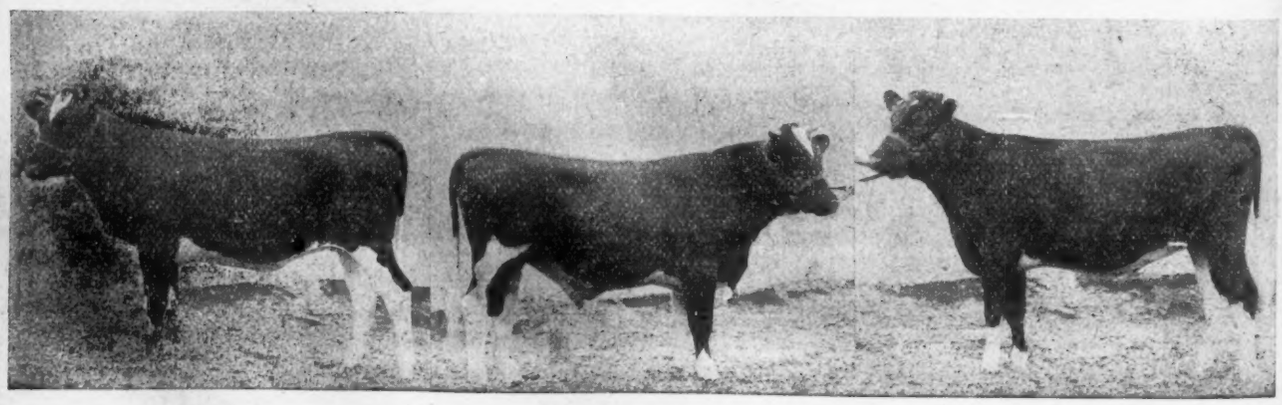
Waterloo, Iowa :: March 23-24

SIX HEIFERS—All Granddaughters of

1 **Lady Ormsby Clarodina** (born September 17, 1919). Sire: King Pietertje Ormsby Piebe. Dam: Lady Mabel Clarodina. Here is a most beautiful daughter of the great King Pietertje Ormsby Piebe. Her dam will have a year record by the time of the sale and this promising young thing and her dam ought to go in some great herd. It is a family that produces and one of the kind not ordinarily found in public sales. This is your golden opportunity to get a daughter of King Pietertje Ormsby Piebe.

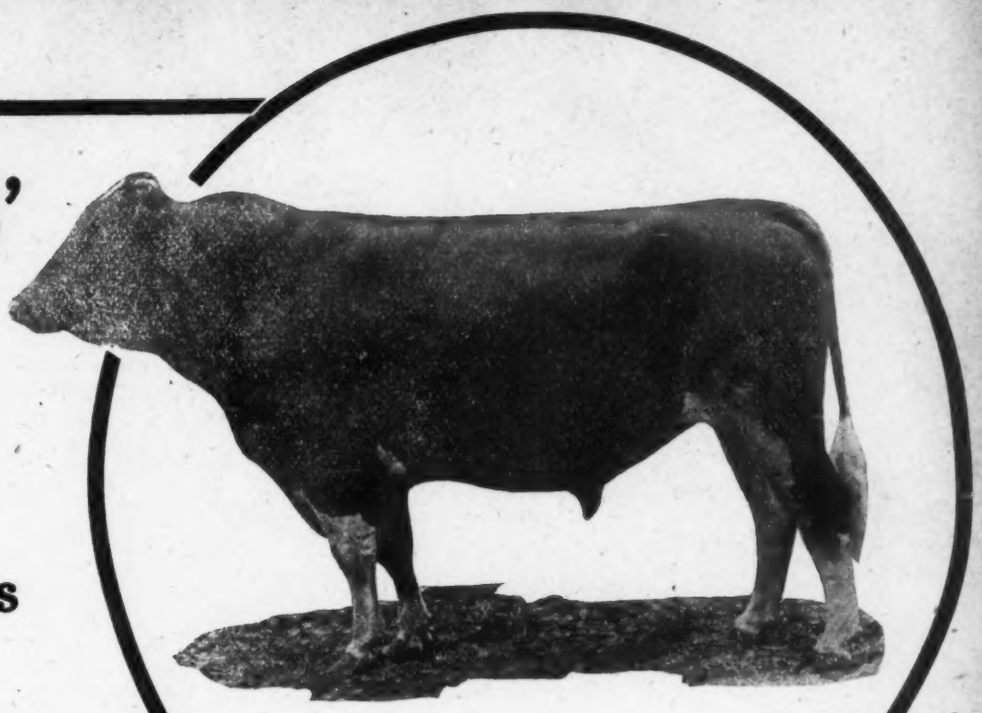
2 **Miss Pontiac Jewel** (born October 18). Sire: King Pietertje Ormsby Piebe. Dam: Parthenea Jewel Korndyke. Another very fine daughter of King Pietertje Ormsby Piebe from a dam with a most creditable 7-day and year record as a two-year-old. The heifer we are offering is a full sister to the calf that sold in the Elliott Sale for $1300. The dam of this heifer is one of the best cows in our herd and her daughter by King Pietertje Ormsby Piebe has a very promising future. In addition she is in calf to King Mutual Korndyke 9th, son of a 42-lb. cow with almost 1300 lbs. in a year.

3 **Miss Pietertje Lady Mutual** (born July 11, 1919). Sire: King Pietertje Ormsby Piebe. Dam: North River Lady Mutual. Of all of our daughters of King Pietertje Ormsby Piebe, we believe this one to be one of the very best. Her dam is a daughter of the great foundation cow, Lady Mutual Friend, that last year as a 10-year-old made over 41 lbs. butter from 661 lbs. milk, and has a year record of 1281 lbs. butter from 23,000 lbs. milk. Bear in mind that both grandams of this heifer have produced over 1200 lbs. in a year. It would be impossible to get more individuality with high record backing than is represented in the pedigree of this heifer. If you want one of the very best, buy this one.



A sample of the get of King Pietertje Ormsby Piebe

BREEDERS' SALE



King Pietertje Ormsby Piebe

1200-lb. Cows

4 **Lady Mutual Clarodina** (born September 22, 1916). Sire: King Mutual Korndyke. Dam: Clarodina Tritomia Barbara. This great heifer is now on year test and safe in calf, so she will qualify in the 305-day division. She is a most beautiful individual with plenty of size and capacity and comes from one of our old foundation cows that weighed over 1800 lbs. She was likewise one of our heaviest producers but unfortunately lost her udder before she could be given a record. This heifer is now 5 months in calf to King Pietertje Ormsby Piebe and the resulting offspring will be worth far more than you will have to pay for the dam. Note that we are selling a daughter of this cow sired by King Pietertje Ormsby Piebe, and the pair should go in some herd for foundation purposes.

5 **Miss North River Lady** (born October 11, 1919). Sire: King Mutual Korndyke. Dam: North River Lady Clothilde. This is one of the good daughters of King Mutual Korndyke from a great producing dam that is a half sister to our world record cow, Rose De Kol Wayne Butter Boy with over 1100 in a year as a two-year-old. This great heifer will be bred to King Pietertje Ormsby Piebe, famous as the son of the breed's only 30,000-lb. cow.

6 **Miss Tidy Mutual** (born September 8, 1919). Sire: King Mutual Korndyke. Dam: North River Tidy Hengerveld, a daughter of King Mutual Korndyke from a two-year-old dam with a year record. Her dam has served as one of our foundation animals and will be given every chance for yearly work in years to come. She has a creditable record of 18.69 lbs. as a two-year-old and is sired by Admiral Urmagel Burke.

This is one of the very best consignments that ever left any breeding establishment. Three of them are granddaughters of a 1300-lb. world champion 4-year-old with over 30,000 lbs. milk in a year—three are granddaughters of the breed's only 1200-lb. two-year-old. Furthermore, one of the granddaughters of the 1300-lb. four-year-old has been bred to a son of a 1200-lb. cow and all three of the granddaughters of the 1200-lb. two-year-old are in calf to a son of a 1300-lb. four-year-old. Never before has so much long distance backing been offered in a consignment of its size.

HARGROVE & ARNOLD

NORWALK
IOWA

IOWANA FARMS

offerings at the

IOWA STATE BREEDERS' SALE

This Bull Calf

IOWANA FAYNE CHLOE, 280713
Born August 30, 1919.

This is his dam.

This is his sire.

MISS KORNDYKE CHLOE MECHTHILDE
188013

Milk 15,586.1 pounds in 365 days.
Butter 665.47 pounds in 365 days.
At 2 years, 8 months, 7 days.
Now on test again and has to her credit 10,000 pounds milk in five months. She is a daughter of Sir Korndyke Hengerveld De Kol.

SIR JOHANNA FAYNE
42147

Eight 20,000 pound daughters. Eighteen daughters average 19,000 pounds milk and over 600 lbs. fat and so far only nine daughters tested at four years or over. Thirteen of his daughters are on yearly test now. Fifty-seven daughters in our herd and more to come.

Other Offerings Include

A young cow just finishing her year as a junior two-year-old with about 16,400 pounds milk.

Her show daughter, a year old, by a son of a world's yearly record cow.

Another yearling heifer from a junior two-year-old with a 305-day record of 452.11 pounds butter from 17,817.2 pounds milk. This heifer's grandams are both 20,000 pound cows; average 21,000 pounds.

IOWANA FARMS

DAVENPORT **Iowa**

MAXWELL FARMS

Consignment to the

Iowa Breeders Guaranty Sale

Waterloo, Iowa March 23-24

We have consigned an unusually attractive lot of young cows and heifers, nearly all of them in calf to either Major Pietertje Ormsby or Tritomia Pietertje Ormsby, both sons of the great Sir Pietertje Ormsby Mercedes. A most wonderful opportunity to secure animals in calf to sons of this great sire.

1 **Queen Mabel Beets Segis** with the following records:
Butter 4 years 27.21
Milk 497.9
This heifer is sired by Colonel Beets Segis, one of the best proven sons of the famous King Segis from a 30-lb. daughter of Paul Beets De Kol. She is a big strong 5-year-old cow, fresh in January and bred to a son of Sir Pietertje Ormsby Mercedes. A great combination of breeding in her next calf.

2 **Johanna Beets Skylark Segis,** 14-lb. two-year-old daughter of Colonel Beets Segis from Johanna Skylark Champion, she by Johanna Bonheur Champion (Moscrip's bull) from a 31-lb. daughter of Old Sir Ormsby Skylark. Just fancy the great breeding back of this heifer and on top of all this, consider her next calf by a son of Sir Pietertje Ormsby Mercedes.

3 **Calamo Wadnah** with a record of over 14 lbs. from 312 lbs. milk. She is now just two years old, a daughter of the great show bull, Paul Calamo Korndyke from K. S. P. Wadnah, a daughter of King Segis Pontiac and a 31-lb. dam. Breeding and individuality combined in this little wonder and topped with the Sir Pietertje Ormsby Mercedes breeding in her next calf.

4 **Flossie Rag Apple Spofford.** A very beautiful three-year-old heifer with the following records:
Butter 26.83
Milk 559.5
She is by a son of the famous Rag Apple Korndyke, in calf to a son of Sir Pietertje Ormsby Mercedes.

5 **Sir Ormsby Skylark Woodcrest,** born June 2, 1919. One of your last chances to get a son of Old Sir Ormsby Skylark. His dam as a four-year-old made 28.28 of butter, is a sister to Nancy Lucy Hengerveld (40.5) by Woodcrest Hengerveld De Kol, the famous prize winning son of Hengerveld De Kol.

6 **Lady Bessie Sadie Vale,** sired by the great King Korndyke Sadie Vale 24th (head of the Home Farm Herd, from Bessie Homestead 3d, a 17-lb. three-year-old full sister to a 29.99 cow, she from a daughter of Homestead Junior De Kol. This heifer is due to freshen March 6th—will be bred to Tritomia Pietertje Ormsby, a son of Sir Pietertje Ormsby Mercedes from a 34-lb. and 1100-lb. granddaughter of the same great sire.

7 **Pledge Rag Apple Korndyke Lady,** an A. R. O. daughter of Sir Rag Apple Korndyke, one of the best proven sons of Rag Apple Korndyke from a 36-lb. daughter of Pontiac Korndyke. This cow has also been bred to Tritomia Pietertje Ormsby. This sire has two crosses of the blood of Sir Pietertje Ormsby Mercedes, being by him and from a 34-lb. granddaughter of his.

8 **Sweetheart Hengerveld.** Note her picture. A daughter of the great Woodcrest Hengerveld De Kol and sister therefore to Nancy Lucy Hengerveld, a 40-lb. cow and to a number of other high record animals. She is now in calf to Major Pietertje Ormsby, a son of Sir Pietertje Ormsby Mercedes from a granddaughter of Spring Brook Bess Burke 2d. Imagine buying at your own price a granddaughter of Hengerveld De Kol—a sister to a 40-lb. cow—in calf to a son of Sir Pietertje Ormsby Mercedes.

9 **Blue Label Pines,** a daughter of the famous King Peter from Blue Label Queen of the Pines, that made a splendid record more than six months after calving. King Peter is a widely known sire and is from the same dam as Pietertje Hengerveld Segis. Blue Label Pines is also in calf to Tritomia Pietertje Ormsby (see above).

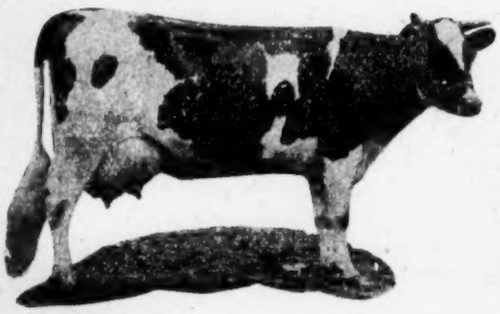
10 **Princess De Cola Dollie,** a granddaughter of Duke Johanna Inka from an A. R. O. two-year-old granddaughter of Homestead Masterpiece. This choice offering is in calf to Major Pietertje Ormsby, also with two crosses of Sir Pietertje Ormsby Mercedes, being by him and from a granddaughter of Spring Brook Bess Burke 2d.

Don't fail to look up the Maxwell Consignment to the Iowa State Sale. It is doubtful if any consignment ever made to a public sale has been so strongly represented through high record sons of Sir Pietertje Ormsby Mercedes.

MAXWELL FARMS WATERLOO IOWA

Home Farm Consignment
Waterloo Sale
March 23-24

Including Two Daughters of Sir Sadie Cornucopia and Three Daughters of King Korndyke Sadie Vale 24th



PRINCESS TRITOMIA HOMESTEAD

A 24.4-lb. granddaughter of Fobes Tritomia Mut. D. K., making a splendid ten months record.

CATRENA SEGIS PONTIAC

A young daughter of King Segis Pontiac with a nice heifer record, will have completed another test before sale time.

WELLINGTON NUDINE DE KOL

A good record show cow, due in September by Woodcrest Sir Clyde.

Woodcrest Sir Clyde is from a 33-lb. and 970 lbs. dam and his 18 daughters average nearly 22 lbs. at two years nine months. One of his 20-lb. 2-year-olds has just crossed the 30-lb. mark as a senior three.

The Sadie Vale Females

HOME FARM SADIE VALE MERCEDES

A beautiful yearling daughter of King Korndyke Sadie Vale 24th, from a 19-lb. 3-year-old daughter of Sir P. O. M. 5th.

H. F. S. V. ALTOANA

Another daughter of K. K. S. V. 24th; just completed a junior 2-year-old record of 18.22 lbs. butter from 400 lbs. milk.

SADIE KORNDYKE PRILLY OF HOME FARM

Another 2-year-old daughter of 24th with 16 lbs. in 7 days, 64 lbs. in 30 days, going strong on yearly.

Two of Our Best Bred Daughters of SIR SADIE CORNUCOPIA

One a 17.7-lb. 2-year-old with 501 lbs. butter in 330 days. The other an 18-lb. 3-year-old from a daughter of 24 lb. cow, also on semi-official.

Remember that Sir Sadie Cornucopia is the greatest son of Sadie Vale Concordia and is by the best son of the first 34-lb. cow; his 51 daughters include 4 with 8 records from 30 to 36 lbs.

Don't overlook the opportunities afforded in purchasing females of this type and breeding in calf to such a sire

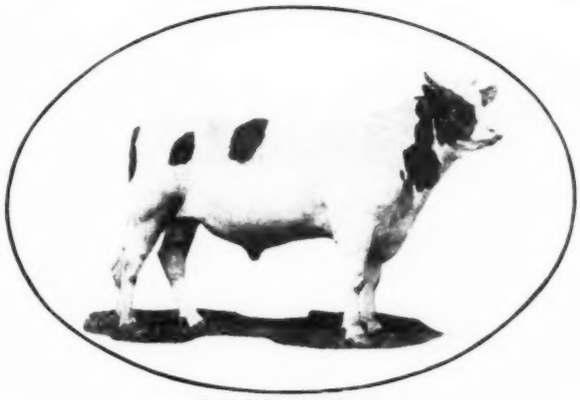
W. B. BARNEY & SONS — **Chapin, Iowa**

CASS FARM HERD

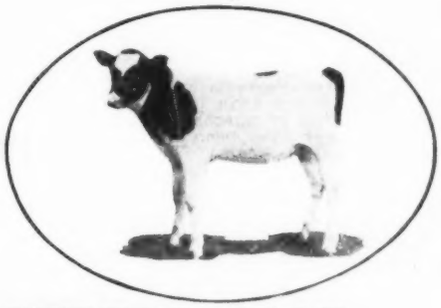
Headed by

Fayne Bessie Homestead

A proven prize winning son of the great foundation cow, Jessie Fobes Bessie Homestead, former world's champion 34-lb. four-year-old, and individually one of the most magnificent cows that ever lived. Her sire is Finderne Pietertje Fayne whose dam made better than 35 lbs. The pictures show this great sire and four of his get—two of them in this sale. It will be impossible to find a more striking example of his prepotency.



FAYNE BESSIE HOMESTEAD



A Representative Consignment in the

IOWA STATE BREEDERS SALE

Waterloo, Iowa — March 23-24

1.—CANARY HOMESTEAD PEARL CARLOTTA, 417373.

Born Oct. 31, 1916. Sire, Canary Homestead Oak De Kol, 89469. Dam, Pearl Pontiac Carlotta Gerben, 239062. Served to King Aaggie Hengerveld, 180842, June 7, 1919. Here is a sister to the show heifer Aaggie Hengerveld Carlotta, fine type and a good milker capable of a good record if given a chance. You will like her when you see her and like her better when you own her. Will be fresh.

2.—LILITH WALKER LYONS, 284753.

Born March 26, 1915. Sire, King Walker Lyons of Cedarside, 93745. Dam, Lilith Inca, 142497. Served to King Aaggie Hengerveld June 8, 1919. An easy milker, a good producer and a fine individual. Bid last on this kind. Will be fresh.

3.—AAGGIE HENGERVELD CARLOTTA, 445150.

Born Nov. 16, 1917. Sire—King Aaggie Hengerveld 180842. Dam—Pearl Pontiac Carlotta Gerben 239062. Served to Fayne Bessie Homestead 200017. Here is a heifer that has been seen and admired by hundreds of people having been on the show circuit showing as a senior calf in 1918 at the Cattle Congress and again at the National this heifer took third place in a class of about 14. We claim she has improved a great deal since that time. We breed for individuality and production and this heifer is just what we want. We feel that what we want you will want so we have the nerve to let one of our Herd Sire's daughters go at your price. Ready to freshen.

4.—RELIANCE KORNDYKE PRIDE, 212435.

Born February 28, 1913. Sire, Sir Korndyke Hengerveld De Kol 27th, 71943. Dam, Excelsior Pride, 95500. Served to King Aaggie Hengerveld 180842. A. R. O. at 3 yrs., 20.11 butter 7 days and 80.032 butter 30 days. This cow should be right at her best for production for a few years now. She has been a wonderful producer for us since she was a 3-year-old. She has size and capacity. You buy her at your price. She don't owe us a cent.

CASS FARM — **Sumner, Iowa**

IOWA HOLSTEINS

'IOWA HOLSTEINS'

IOWA STATE BREEDERS SALE

Waterloo Mar. 23-24

We are consigning to this state sale some of the finest females in our herd. We have no desire to dispose of these animals and they are only sent that you might become better acquainted with the quality we have at Corwin Farms.

1 A three-year-old daughter of Triumph Concordia De Kol. She has just freshened, is on official test and will be started on semi-official test previous to the sale. She is a heifer of great breeding and like all the daughters of her sire she has a wonderfully deep barrel, great udder development and is a pleasing heifer in every way. As an added attraction she has been bred to Sir Pietertje Ormsby Mercedes, proven the greatest prize winning son of his sire.

2 A daughter of Sir Pontiac Cradock Korndyke with a two-year-old record of 16 lbs. She is well marked, about half and half, and as an individual will suit any one. This great heifer has also been bred to Sir Pietertje Ormsby Mercedes 14th.

3 Two 2-year-old daughters of Buffalo Skylark Beets with records of 16 and 17 lbs. as 2-year-olds and now on semi-official test. Heifers with real "class" and sired by a grandson of Paul Beets De Kol. You have everything you could possibly desire in these two great heifers.

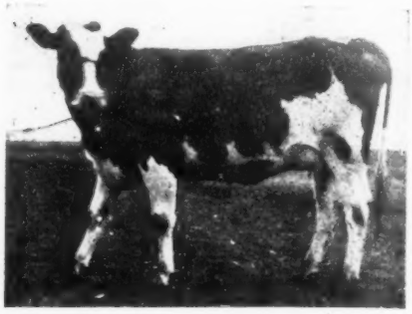
4 A two-year-old daughter of King Segis Pontiac with a record of better than 15 lbs. This will be one of your last opportunities to purchase daughters of King Segis Pontiac Count, whose get have been the sensation of the show ring for the past two or three years.

It is a most wonderful opportunity to be able to purchase cows of the type, breeding and individuality that these animals have, in calf to a sire like "14th." Remember he is the only bull to have defeated for grand champion honors the bull that was grand champion at the 1919 National.

Corwin Farms, Rock Valley, Iowa

OREGON BANK PURCHASES WESTERN WASHINGTON HEIFERS

Eighteen head of pure bred Holstein heifers, from the Stockwell and Steffen herds at Monroe, and from the T. G. Bowen herd at Snohomish, were recently purchased in Western Washington by the Bank of Commerce of Eugene, Ore., and distributed among the dairymen of Lane county. The car-



SKYKOMISH SUSIE NEWMAN

Purchased of Herman Steffen, Monroe, Wash., for Lorane Farms Co., Lorane, Ore., for $1450.

load shipment came in on a Saturday, and so great was the demand for the animals that by the following Tuesday 65 per cent of them had been taken, most of them for cash, although the bank planned to extend credit for their purchase. All of them were disposed of within a week.

President C. D. Rorer of the bank induced the directors on January 1 to set aside $50,000 of its funds to be loaned at a low rate of interest for assisting dairymen to purchase pure breds and thus to stimulate the breeding game in that district, one of great importance from the dairying standpoint. William Steuding, who bred Holsteins for 10 years in Lane county, but who sold out three years ago, was given a $10,000 letter of credit and commissioned to go into Washington to "get the stuff." This he did in the face of keen competition. At one farm he encountered six other buyers, and he stated that he could have sold his entire carload, after it was assembled, without moving it out of Washington.

Extreme care was exercised by the bank officials in selecting the breeders who should get the heifers. Eight out of every 10 applications were turned down because the applicant was not

(Continued on page 104.)

JUST A REMINDER—

For the Big

Iowa State Breeders' Sale

Waterloo, Iowa MARCH 23-24

G. H. SMITH **Tripoli, Iowa**

In this sale we sell our entire herd. Milking cows have averaged over 91 lbs. a day. TWO STATE CHAMPIONS. A 26-lb. junior two-year-old from a 37-lb. dam; a 600-lb. two-year-old with over 100 lbs. in a day, from a daughter of a 37-lb. dam; a 37-lb. cow and her descendants; a 33-lb. cow and her descendants; several other high record cows and their offspring.

Herd is on federal accredited list and is the highest record herd of its size in the State of Iowa. The opportunity of life time.

IOWA STATE BREEDERS SALE

'IOWA HOLSTEINS'

Waterloo, March 23-24

We are consigning to this sale a special consignment of one-half dozen of our choicest animals, strong in the blood of the great King Segis and the breed's first 44-lb. cow.

Reference Sire **King Korndyke Segis Cornucopia,** a two-year-old son of the great King Korndyke Pontiac Lass from Queen Mabel Beets Segis who has just finished a record of 27 lbs. of butter from 500 lbs. of milk as a four-year-old. The two nearest dams of this sire average almost 36 lbs. This bull is a good straight animal, more black than white and as an individual is faultless.

1 **Doris Wayne De Kol Segis,** four-year-old daughter of Colonel Beets Segis from Aaltje Wayne De Kol 4th, an 18-lb. granddaughter of Homestead Junior De Kol. As a junior two-year-old this heifer made almost 15 lbs. of butter and we consider her one of the most promising daughters of Colonel Beets Segis. With proper care she looks good for 30 lbs. in 7 days and over 1000 lbs. in a year. In addition to this she is due to freshen sale time to King Korndyke Segis Cornucopia, grandson of the first 44-lb. cow.

2 **Bonneytrix Segis Burke,** three-year-old granddaughter of Colonel Beets Segis from Bonneytrix 5th Burke. She has a creditable two-year-old record which is no indication of her ability as she was tested during July and received only just ordinary care. Her dam is one of our best foundation cows whose daughters from ordinary bred sires are making good. In fact, we think so much of this line of breeding that we have been using a brother to this heifer as herd sire. She is due to freshen July 10th to King Korndyke Segis Cornucopia.

3 **Segis Ina Johanna,** another three-year-old granddaughter of Colonel Beets Segis from Ina Johanna De Kol. Although this heifer is untested she is extremely promising as an individual and looks as though she ought to make a great producer in more mature form. She is bred right on both sides and is well along in calf to a sire whose two nearest dams average over 36 lbs.

4 **Ina Princess Johanna Ormsby,** an eight-year-old cow that is one of our finest individuals. Unfortunately she has never freshened at a time when we have been able to give her a record but we know can make a most creditable one for 7 days or a year. On her sire's side she gets a cross of the Ormsby blood and her dam, Ina Johanna De Kol, is one of the best foundation cows in our herd.

TWO DAUGHTERS OF A 44-LB. SIRE

A **Ina De Kol Johanna** sired by King Korndyke Pontiac Lass, son of the first 44-lb. cow from Ina Johanna De Kol that made almost 23 lbs. butter in 7 days and 8 months after with ordinary farm care made over 13 lbs. butter, winning fifth prize in 1916. The second dam has a creditable A. R. O. record of 17.16 lbs. and third dam has 18.05 lbs. This heifer is now in calf to King Korndyke Segis Cornucopia and as an individual will please the most critical buyer. She is quality itself.

B Lola Burke Korndyke, two-year-old daughter of King Korndyke Pontiac Lass from Bonneytrix 5th Burke. This is a most wonderful daughter of the great 44-lb. cow and one of the sort you hate to part with. Her dam is a great producer—one we think so well of that we have retained her son for our herd sire.

If you are looking for real high class animals, do not pass up this consignment. It will be a great opportunity to get real high class 44-lb. breeding

'IOWA HOLSTEINS'

T. R. Ballantyne
Bassett Iowa

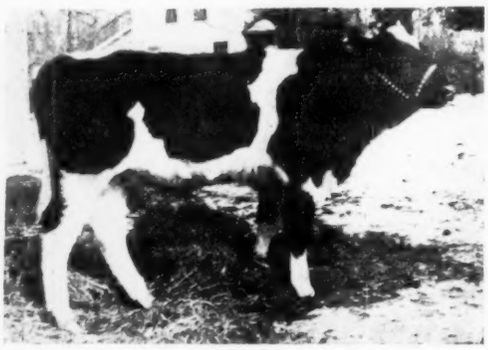
The Wildare Consignment

to the

IOWA STATE BREEDERS' SALE

Waterloo, Iowa March 23-24

This choice individual bull



WILDARE PLEDGE BUTTER BOY

Born September 21, 1919. Straight as a line, large, well grown and a high class bull. His sire: From a 30-lb. cow with 818 lbs. in a year she by Homestead Junior De Kol (sire of Grace Fayne 2d Homestead with 35.55) and his sire a son of De Kol 2d's Butter Boy 3d. His first four daughters as two-year-olds have averaged above 16 lbs., records made under very ordinary conditions.

His dam: As a four-year-old made over 25 lbs. in 7 days and has a 10-months record of 638.7 lbs. of butter under just ordinary farm care, milking about half of the time from three-quarters, due to injury and infection. In the 10 months division for the year 1918-19 she was debarred from fifth place for butter and fourth place for milk. Her three-year-old daughter is now milking 90 lbs. a day, and her two-year-old daughter is starting off at an 18-lb. clip. All on semi-official test.

Here is a bull from one of our best producing families and one that we can recommend in every way. Come to the sale and look him over, also the choice females we are consigning.

WILDARE FARM

L. G. GLEIM **Arlington, Iowa**

Your Lucky Number 13

If You Buy

CEDAREST PONTIAC BURKE

285432

Whose

13 Nearest Dams Average 26.2

All but one over 20 lbs. several (including his own dam) have year records up to 1071 lbs. butter. They have a total of 40 A. R. O. daughters.

13 Nearest Sires—All Famous

Dam's Side	Sire's Side
King Pontiac Artis	Pietje Ormsby Burke
King of the Pontiacs	P. 22d Woodcrest Lad
De Kol Burke	H.G.D.K. Sarcastic Lad
Pontiac Korndyke	D. Ormsby Plebe Burke
Paul Beets De Kol	J. A. Sarcastic Lad
Hengerveld De Kol	Plebe DeKol Burke (2)

Cedarest Pontiac Burke was born Aug. 7, 1919. He is a good individual, well grown, 2-3 white. His dam will be given a semi-official record at next freshening. Her breeding, size, conformation and unexcelled opportunity insures a high record.

Get the benefit of this development. Act now. He is priced to sell.

W. D. HOSTROP

Cedar Falls **Iowa**

IOWA STATE BREEDERS' SALE

Waterloo, Iowa March 23-24

We are consigning two choice females—as good as we have in our herd.

No. 1. Queen Bluff's De Kol, a 7-year-old cow, sired by Sir Bluff's De Kol from Lady Mercedes Gerben and due to freshen April 12th by a son of the great show bull, King Segis Johanna Ormsby. We fitted this cow for year work, but unfortunately was unable to get a tester and therefore carried her through the year privately on three milkings a day. She produced in 312 days 16,756 lbs. milk, giving 76 lbs. the best day. Her calf will be by a son of a cow that produced over 700 lbs. milk in 7 days. Here is a great foundation cow for some one.

No. 2. Memnon Pauline Pontiac, a five-year-old cow, that has proven herself a great producer and with a milk production last year of 15,000 lbs. up to 65 lbs. in a day. She also has a good 7-day record. While she is not an especially large animal she is a real dairy cow and will average under test about 4 per cent throughout the year. She will be fresh at time of sale and will make a very attractive offering.

M. BREEN & SON

Colfax **Iowa**

Our Consignment
To the
IOWA HOLSTEIN BREEDERS SALE

Consists of

TWO GREAT LONG DISTANCE COWS

1. JERUSHA PONTIAC DE KOL ELITE, 289740

7-day record at 5 years and 17 days—

Milk 429.2 % Fat 4.24 Butter 22.76

		No. Days	Lb. Milk	Test	Lb. Butter
Semi-off.	Nov.	18	1016.7	4.18	53.12
	Dec.	31	1780.2	3.54	78.82
	Jan.	31	1740.6	4.12	89.64

2. SUNNY TRITOMIA 2d, 249809

Semi-off.	Sept.	3	114.0	3.25	4.63
	Oct.	31	1537.8	3.25	62.47
	Nov.	30	1416.2	3.31	57.63
	Dec.	31	1355.6	3.431	58.14
	Jan.	31	1529.7	3.31	63.30

Our herd consists of about 35 head and out of 16 cows milking, 9 are on semi-official test.

The sales committee selected two of these cows to represent our herd at Waterloo, March 23 and 24 and we are proud of these fine young cows because of individuality and production. They are the kind that make good.

Both are bred to K. S. P. De Kol Tirania, a 30-lb. son of King Segis Pontiac and a show bull of high caliber, having been well up in the money at the Waterloo Dairy Congress.

We are pleased to announce that Mr. R. P. Willan, formerly in charge of the test cows at Winterthur Farms, will soon be with us as manager of the herd.

We have a few bull calves from cows on yearly test—priced right.

GILLETTE & MERRIAM

Fostoria, Iowa

(Continued from page 100.)
equipped to do pure breds justice, because he was not permanently in the Holstein breeding business, or because he had insufficient experience with dairy cattle. The purchasers included J. A. McCutcheon, Veneta, (6 head); G. C. Huston, Eugene, (2); L. N. Miller, Eugene, (1); V. C. Chase, Eugene, (2); Lorane Stock Farm, Lorane, (3); and Allen Stewart, Springfield, (4).

Two of the heifers, including the one in the accompanying photograph, are coming three years old in April. The others are from 14 months to two years old. Skykomish Susie Newman, shown in the photograph, was one of the nice specimens of the shipment, and was one of three secured by the Lorane Farms Co., for $1450. Their sire, the Steffens bull, King Newman Sadie Vale, is a son of Margie Newman 2nd, and they were bred to Von Heim Colantha Fayne Valdessa, by Finderne Mutual Fayne Valdessa out of Von Heim Mary Hartog. Mr. McCutcheon secured another of the Steffens heifers for $600, and Mr. Huston two others for $800. Three of the eight head from the Stockwell herd went to Mr. McCutcheon for $1800, and two from the Bowen herd, granddaughters of King of the Pontiacs, for $600.

Seattle, Wash. G. N. Angell

California Holstein Notes

By ROBERT E. JONES

At only two places in the United States this year will Holstein cows and bulls of the highest possible breeding and productivity be offered at public auction. One of these will be Sacramento, March 25th, when the annual California Holstein Breeders Guaranty sale will be held at the State Fair grounds. The other will be at St. Paul in June when the annual National Holstein Breeders Consignment sale will be held.

General Manager Charles L. Hughes of the California Breeders Sales and Pedigree company is assured that the California event which will surpass all others in quality of offering, will draw buyers from many states other than this one.

The outstanding feature of this auction is the fact that eleven cows with records of better than 30 pounds of butter in seven days will be offered at auction. Such an offering is unprecedented in the history of the dairy industry on the coast.

W. J. Higdon of Tulare, the breeder who bought the $6500 bull, King Korndyke Pontiac 20th, at the first Guaranty Sale, is to offer six of these high record cows. Two will come from the herd of Alex Whaley of Tulare, and one each from James J. Jeffries of Burbank, from Dr. E. J. Weldon of Sacramento, who is to sell Ontario Blonde Pietje and one from the Bridgford Holstein company of Patterson.

The Higdon consignment will include a half dozen cows, as stated with records of from 30 to 35 pounds of butter in seven days and one bull. There will be a cow with a record of 35 pounds, a 4-year-old with a record of 33 pounds and a 3-year-old with a record of 32 pounds.

An outstanding family which has made history in Holstein ranks of California, will be sold. This will include Winifred Hotaling 3rd of the Higdon herd with a record of 32 pounds, her daughter, El Dorado Winifred a 4-year-old, of the Whaley herd, with a record of 30 pounds and Ida Lotta Winifred Burke, from the same dam as Winifred Hotaling 3rd, also from the Higdon herd. Higdon will also sell Madrigal Mooike II, a 3-year-old, with a record of 32.91 pounds of butter in seven days and 20,000 pounds of milk and 750 pounds of butter in a year as a 2-year-old. The milk record is one for the State.

The consignment of Fred J. Kiesel of Sacramento from Jane Garden Farm also, will be one of note. It will include four real cows, all of them young and of decidedly superior Holstein type, having records of from 23 to 28 pounds of butter in seven days. Three of the four are on semi-official yearly test.

Ben A. Rhoades of Los Angeles will be the auctioneer.

* * *

Holstein breeders of Southern California have decided to hold a general consignment sale this year and the event is expected to be an outstanding one, the biggest of its kind since the Rhoades-McAlister sale of three years ago. This sale is to be managed by the California Breeders Sales and Pedigree Company of Sacramento with C. L. Hughes in charge.

The dates of April 27th and 28th have been selected for this sale and consignments will be made from the herds of W. D. Millard of Arcadia, A. J. Stalder of Riverside, Burr Farm of Los Angeles, Bost and Johnstone of Corona and from P. H. Krick of Anaheim. It is probable also that James J. Jeffries and Mrs. Anita Baldwin will make consignments but this has not been decided as yet.

* * *

Princess Roma Alcartra, a senior 4-year-old daughter of Prince Alcartra Korndyke of the J. S. Gibson Company Holstein herd at Williams has made a record of 1000.9 pounds of butter and 21,756.2 pounds of milk in a year. The young cow is a granddaughter of Tilly Alcartra through her sire.

Roma Princess Alcartra another senior 4-year-old daughter of the same bull and also a granddaughter of Tilly Alcartra has made 778.3 pounds of butter and 17,781 pounds of milk in ten months.

Both of these records may be taken as contributory evidence of the prepotency of the Alcartra blood, which not only has produced remarkable milk and butter records in Tilly Alcartra, but is continuing on as a symbol of greater production in succeeding generations.

* * *

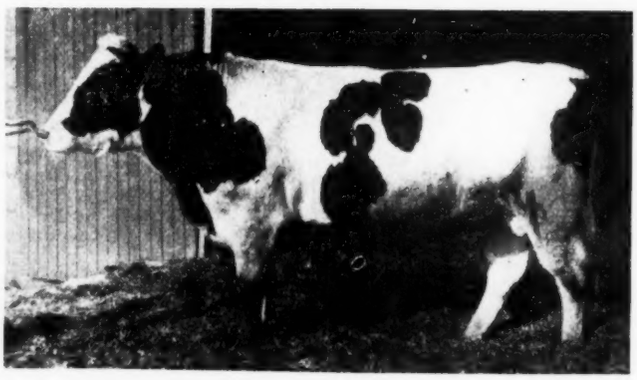
The annual Tulare Holstein breeders consignment sale which was set for April 8th has been postponed until May 6th. At this event heavy offerings of Holsteins will be made from the herds of R. C. Sturgeon of Tulare and Walter Donders of Fresno. Other consignors will be announced later. W. J. Higdon of Tulare will hold his annual sale on the preceding day, May 5th, and will offer a number of high record cows.

* * *

Forthcoming sales of registered Holsteins not elsewhere announced are scheduled as follows: March 18—Stanislaus County Consignment Sale, Modesto. April 20th—Bonita Stock Farm Sale of registered heifers and bulls. Lodi. May 12—Leeman & Kilgore Sale of registered stock, Ripon. This last event will be a dispersal sale. The Modesto sale was originally set for March 9th. The A. M. Bibens, Modesto, sale set for April 21st is not to be held as announced. The Bonita sale has been advanced a day, the date given herewith being the correct one.

ASH BROS. START LONG TIME TESTING

A recent letter from Ash Bros. of Ada, Ohio, announces that they are starting long time testing at Ashhurst Farms. One of the best milkers in their herd, Mutual Paul Pietje with a three-year-old record of 20 lbs. butter from 490 lbs. milk is just going on long time test as a six-year-old and in her first 75 days has produced 5600 lbs. milk containing 240 lbs. butter, and at the time the letter was written was running at the end of that period at her best form, milking over 82 lbs. a day. She is one of the foundation cows of the herd and is sired by a double grandson of Homestead Girl De Kol Sarcastic Lad and is from a 21-



ORMSBY SEGIS LAD
A son of Sir Prilly Segis from one of the best record daughters of Ormsby Korndyke Lad. Herd sire for Ash Bros., Ada, O.

10

We can accept just about TEN more real choice dairy cows for consignment to the

First Brentwood National Sale

April 29-30

Wire entry quick and will arrange for early inspection so that you can begin fitting immediately. Remember this is a

Quality Sale

held under IDEAL conditions and in addition cash prizes worth winning are offered for best individuals.

Following

Best Female Over 2 Years and Under 8 Years of Age		Best Female Under 2 Years of Age	
First Prize	$500	First Prize	$300
Second Prize	$300	Second Prize	$100

Best Male - Any Age $500

JUDGE—W. S. Moscrip, Lake Elmo, Minn.

BRENTWOOD FARM
Home of Tilly Alcartra 2d
the $11,000 Heifer

AUCTIONEERS
B. V. Kelley
G. W. Baxter
PEDIGREES
S T Wood

Address Correspondence to
WM. G. DAVIDSON
32 S. Front St.
Philadelphia, Pa.

Sale held at Brentwood Farm, Old York Road,
Philadelphia, Pennsylvania.

lb. double granddaughter of De Kol 2d's Mutual Paul. She is described by her owners as a show cow from the ground up. Her two-year-old daughter is just going on long time test and looks capable of making a splendid record, while her yearling daughter is one of the most promising heifers on the farm.

This yearling daughter is a full sister to the bull Ash Bros. are advertising in this issue of the World. The youngster is described as a real show calf, very growthy and masculine. He is sired by the Ashhurst herd sire, Ormsby Segis Lad whose dam, a 36-lb. three-year-old, Mabel Ormsby Pontiac, with a yearly record of 1104 lbs. butter from 23,032 lbs. milk, one of the highest records ever made by a heifer in her class, is a daughter of Ormsby Korndyke Lad, who now has 9 daughters with yearly records above 1000 lbs. and 11 that have produced over 22,000 lbs. milk in a year. His second dam, a 20-lb. junior four-year-old, is sired by the best son of Hengerveld De Kol and is out of a great transmitting 21-lb. daughter of Paul Beets De Kol one of the first century sires. The sire of Ash Bros. herd bull is King Prilly Segis, who is a good transmitting son of the great King Segis out of the grand old foundation cow, Prilly, who made a 25-lb. record as a 12-year-old, and who is further distinguished by having six daughters with records from 24 lbs. to 30.51 lbs. This breeding, with the King Segis-Prilly combination on the sire's side and with his dam, one of the greatest record daughters of Ormsby Korndyke Lad, makes the Ashhurst sire one of the best bred bulls in service today. He is not yet three years old and his owners are very proud of him.

O. K. L. BREEDING HERE

We are offering for immediate sale the calf pictured below. His sire is from Mabel Ormsby Pontiac, a 36-lb. daughter of Ormsby Korndyke Lad with over 1100 lbs. in a year—fourth highest in her class in the world.

His Sire, His sire, Ormsby Segis Lad, stands at the head of our herd. He is by King Prilly Segis, a proven son of King Segis from the great foundation cow, Prilly, the only sire combining in so close a degree the blood of these two great foundation animals. His dam is Mabel Ormsby Pontiac with 36.28 lbs. from 673 lbs. in 7 days and 1104 lbs. butter from 23,000 lbs. in a year as a senior three-year-old. She stands fourth in her class in the world and is one of the nine 1000 lb. daughters of Ormsby Kornyke Lad, her dam a daughter of Pontiac Hengerveld Parthenea. Here is combined in the closest degree the blood of King Segis, Prilly, and Ormsby Korndyke Lad.

His Dam His dam made over 20 lbs. as a three-year-old and now as a six-year-old is on long time test. During her best day she produced 82.2 of butter and in 75 days has produced over 5600 lbs. milk and 240 lbs. butter, still running equal to her best work. She is a wonderful cow, of splendid individuality with a perfect udder. She is the foundation cow of our herd. Her two-year-old daughter just starting on long time work gives indication of making a great record.

The dam is by a double grandson of a century sire from a double granddaughter of De Kol 2d's Mutual Paul.

Price $350, F. O. B. Ada, Ohio, and it is of more than passing interest to say that you are getting a calf, from a herd under federal supervision and free from contagious abortion.

ASHHURST FARMS

ASH BROS. **Ada, Ohio**

DR. ALLEN DEVELOPING GOOD VERMONT HERD

Editor World:

I note with interest that you are publishing items from the herds of "beginners." While I have been breeding Holsteins for the past four years and think I have some remarkably good ones, I have never done any seven day testing until very recently. My former herd sire was a son of Korndyke Abbekerk, from a small record two-year-old dam. I have at present in my herd eight of his daughters and have made records on all five of them which I have tested, two going a little over 15 lbs., and everyone as a two-year-old. We made a record of 14.30 lbs. on a yearling daughter of Pietje Alcartra Korndyke and old Aaggie Prescott Netherland De Kol. Three granddaughters of Colantha Johanna Lad have made from 14.70 up to over 19 lbs. and one is going at present at over 21 lbs. All these were made without beets or clover hay, and but little beet pulp, only herds grass hay and grain being available. I therefore feel that I must have had some pretty near 20 lb. two-year-olds, had I had proper feed for them. One of my 15 lb. two-year-olds above mentioned was picked out by Mr. William G. Davidson of Philadelphia, together with five other animals, all but one under four years of age, to go in his Quality sale April 29th and 30th. This two-year-old is a beautiful animal and has as fine an udder as anyone ever saw on a young cow. All the others of this lot will be fresh by sale time and I believe will look equally good. The oldest one has been in the show ring before and was a prize winner at the Eastern States Exposition at Springfield, Mass., in 1917 All in all I don't believe either I or the state of Vermont, need be ashamed when they are led into the ring next month. I have at present the highest record bull in Vermont in Balsam Valdessa Veeman Pontiac (36.64 lb. dam, 38.14 lb. sire) and his first calves are as fine animals as one would see in many a day's travel. I shipped his first begotten son this week to Dr. Wyeth E. Ray of New York city, who owns a farm adjoining the Brady farm at Pawling, N. Y., and recently sold some well bred bulls to Julian Bell of South Lunenburgh, Vt. and Ralph W. Crowe of Sheldon, Vt. These were half brothers of my own herd sire and from dams with 20 lbs. and nearly 18 lbs. as three-year-olds. As Mr. Crowe had before purchased five females bred to my herd sire, he will be able in a few years to build up a fine herd of animals rich in the blood of the first 40-lb. cow, Valdessa Scott 2nd. The hills in this section and in fact in all Vermont and New Hampshire are fast being dotted with the Black and Whites and a great majority of the farmers who have not as yet gone into pure breds are using pure bred sires in their grade herds.

J. M. Allen, M. D.

St. Johnsbury, Vt.

HOLSTEIN BULL CALF CONTEST

The first son of the $106,000 Holstein Bull, Carnation King Sylvia, will be awarded to the man, woman, boy or girl having the largest number of votes in The Dairy Farmer Holstein Bull Calf Contest by midnight July 31, 1920.

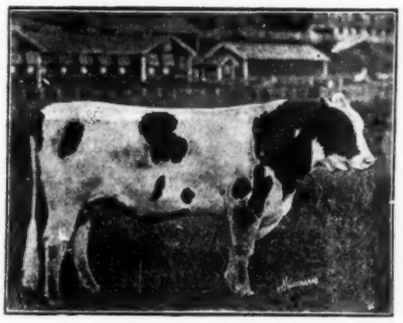
YOU

Can be the proud owner of the

First Son

of this

$106,000 Holstein Bull



Carnation King Sylvia

Join Today **Do It Now**

ENTRY BLANK

GOOD FOR 1000 VOTES

.....1920

The Dairy Farmer,

Waterloo, Iowa, U. S. A.

Gentlemen:

Please enter my name as a contestant in The Dairy Farmer Holstein Bull Calf Contest and credit me with 1,000 votes. Send me full particulars and supplies for taking subscriptions to The Dairy Farmer for which I receive votes according to the rules and conditions as specified.

Signed.....

R.F.D.....Box.....

Postoffice .....

State .....

The Dairy Farmer

HOLSTEIN BULL CALF CONTEST

Rules and Conditions

The bull calf, the first son of the $106,000 Holstein Bull, "Carnation King Sylvia," will be awarded to the man, woman, boy or girl having the largest number of votes in the Holstein Bull Calf Contest by midnight July 31, 1920.

The winner of the Holstein Bull Calf will also receive a round trip railroad ticket to Waterloo, Iowa, with all expenses paid, so as to receive the prize in person.

Every contestant, except the winner of the bull calf, will be paid a cash commission on the amount of money sent in on subscriptions by them during the contest.

OBJECT

The object of the Bull Calf Contest is to increase the paid-in-advance subscription list of The Dairy Farmer, the foremost dairy magazine in the world.

WHO CAN JOIN

Any man, woman, boy or girl, living in the United States of America, outside the city limits of Waterloo, Iowa may enter the contest.

No person employed by The Dairy Farmer, or any member of his or her family may become a contestant.

There is no charge or entry fee to become a contestant in The Dairy Farmer Holstein Bull Calf Contest.

VOTES

Vote certificates will be issued on all subscriptions secured and sent in by a contestant. A contestant is entitled to the number of votes on each subscription as shown in the vote schedule.

Each and every subscription must be accompanied by your remittance in full in order to receive the vote certificate.

Subscriptions should be sent in as fast as secured so that vote certificates can be issued promptly to the contestants.

Subscriptions mailed after midnight July 31, 1920, will not be entitled to votes in The Dairy Farmer Holstein Bull Calf Contest.

TIES

In case of a tie for the Bull Calf prize, each contestant will be awarded a bull calf of the same breed, and of equal value to the First Son of "Carnation King Sylvia."

CASH PRIZES

A cash commission of 10 per cent of the actual money sent in by contestants for subscriptions to The Dairy Farmer, for which they receive vote certificates, will be paid to the contestants who do not win the Bull Calf Prize.

All subscriptions must be accompanied with remittance in full and the cash commission prizes will be awarded after the close of the Holstein Bull Calf Contest, July 31, 1920.

Subscriptions sent in without full remittance will not be entitled to vote certificates and contestants sending in subscriptions with remittances which are not in full will not be credited with votes towards winning any prizes, Bull Calf or Cash.

CLOSING HOUR

The Dairy Farmer Holstein Bull Calf Contest will close at midnight July 31, 1920. All subscriptions must be mailed before that hour and bear a postmark showing that they were mailed before that hour, in order to be entitled to votes in The Dairy Farmer Holstein Bull Calf Contest.

VOTE SCHEDULE

Vote certificates will be issued on each subscription to The Dairy Farmer secured and sent in by a contestant according to the following schedule:

The Dairy Farmer—One Year	50c—1000 votes
The Dairy Farmer—Three Years	$1.00—3000 votes
The Dairy Farmer—Five Years	1.50—5000 votes
The Dairy Farmer—Five Years and our two dairy books	2.00—6000 votes

Each contestant entering the contest by filling in an entry blank or by writing will be entitled to 1,000 votes. Only one entry blank will be allowed to each contestant.

No subscriptions for over ten years will be accepted for which vote certificates will be issued.

During the life of the contest there will be special periods during which extra vote certificates will be issued to contestants who secure a certain number of subscriptions in a given period.

TO WIN

The Holstein Bull Calf will be awarded to the contestant having the greatest number of votes at the close of the contest. To win, means that you should begin to work today. Secure every neighbor and friend as a subscriber.

The sooner you start, the more subscriptions you get, the more votes you receive the more money you will make, and all you have to do to win the bull calf is to start soon enough and work persistently enough.

The Pacific Coast Holstein Classic

Sacramento, Cal. March 25, 1920

The 1920 Guaranty Sale will uncover positively the greatest collection of registered Holstein females ever offered in a western sale.

The ten best bulls available were selected for this offering and among them are some that should find favor with owners of high class breeding herds.

These cattle were selected by a committee composed of W. J. Higdon, Tulare; Frank L. Morris, Woodland; A. J. Stadler, Riverside, and C. L. Hughes, Sacramento, and after completing their work the committee feels that there is not a single animal in the offering that is out of place in the greatest sale of black and whites that has ever been attempted on the west coast.

THE CONTRIBUTORS:

CARNATION STOCK FARMS, Seattle, Wash.
A. E. SMITH, Sumas, Wash.
LONGHEATH FARM, Fallon, Nev.
W. J. HIGDON, Tulare, Calif.
ALEX WHALEY, Tulare, Calif.
R. C. STURGEON, Tulare, Calif.
R. F. GUERIN, Visalia, Calif.
E. D. BARRY, Jr., Daggett, Calif.
R. L. HOLMES, Modesto, Calif.
LEEMAN & KILGORE, Ripon, Calif.
TOYON FARM ASSOCIATION, Los Angeles, Calif.
BRIDGFORD HOLSTEIN CO., Patterson, Calif.
THE J. S. GIBSON CO., Williams, Calif.
FRED W. KIESEL, Sacramento, Calif.
DR. E. J. WELDON, Sacramento, Calif.
SANTA ANITA RANCHO, Santa Anita, Calif.
ROSAMAINES RANCHO, Riverside, Calif.
JAMES J. JEFFRIES, Burbank, Calif.

The female offering is without question the very greatest ever made in a Western sale ring, from every standpoint, breeding, records, individuality and high excellence of sires to which they are bred and will compare favorably with any offering made anywhere.

For the bull offering ten of the best available for this sale have been selected. A number of them are out of high record heifers and will unquestionably sell far inside their real value.

The offering will contain ten cows with records above 30 pounds butter in 7 days, among them a 35-pound cow, three 33-pound cows and one 32-pound cow. There will also be a very large number with records from 25 to 29 pounds, many of which have completed yearly records or are now on yearly test.

Every Animal Positively Guaranteed To Be A Breeder; Every Animal Over Six Months Old Tuberculin Tested And Sold Subject To 60-Day Retest

Catalog mailed on request to management:

California Breeders Sales & Pedigree Company

J. M. HENDERSON, Pres. **C. L. HUGHES, Sales Manager**

211-212 Ochsner Bldg. Sacramento, Cal.

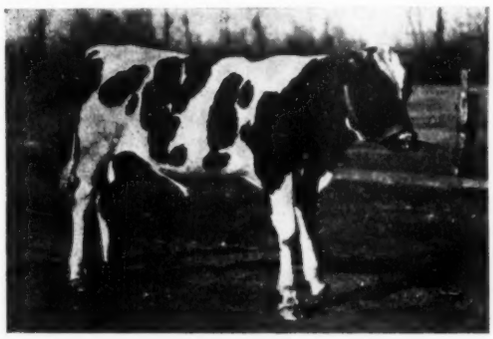
Auctioneers—Col. Ben A. Rhoades, Los Angeles; Col. Geo. W. Bell, Tulare, Cal.

THE GUARANTY SALE

California Breeders Guaranty Sale

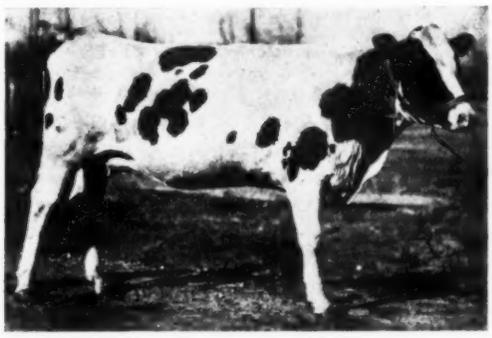
MAR. 25th

We have selected for this annual event—classed as the "Pacific Coast Classic"—nine of the choicest animals in his herd—eight very attractive females and a young bull fit to head any herd in this land. Read the descriptions of them.



ENSIGN KORN. MODEL PONTIAC

This is the young show bull we are sending to this sale. He is sired by Chimacum Spring Farm King Pontiac (our senior sire) from a 27-lb. three-year-old daughter of Korndyke Model Hartog twice over 30 lbs. Her dam likewise a 30-lb. cow with over 1000 lbs. in a year. His five nearest dams average over 30 lbs.

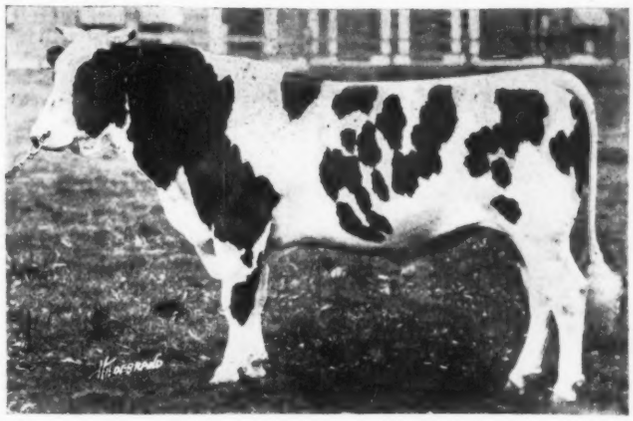


LADY SUMAS VALLEY TOBE PONTIAC

MILKY WAY FARM

(An Accredited Herd)

SUMAS Wash.



CHIMACUM SPRING FARM KING PONTIAC
Our Senior Sire. Many of the cows in calf to him. He is also sire of the great young bull we have consigned

No. 1—LADY KORNDYKE HARTOG, butter 20.49, milk 649.2 now on year test and producing from 85 to 88 lbs. milk in a day. A beautiful light colored show cow, capable of 30 lbs. Sire has two 31-lb. daughters, one with 1025 lbs. in a year as a 3-year-old. Dam has a 19-lb. junior 2-year-old record, milking 465 lbs. A great prospect for some one. Open.

No. 2—JEFFERSON WAYNE BOON.

Butter 2 years	20.35 lbs.
Butter 4 years	23.82 lbs.

Now on year test producing over 80 lbs. A very large cow, weighing 1700 lbs., a straight, high class individual. Dam has 22.46 lbs. butter while her sire is from Chimacum Wayne Boon, a great show cow with 33.69 lbs. butter in 7 days and 1026 lbs. in a year.

No. 3—LADY SUMAS VALLEY TOBE PONTIAC, a very beautiful 2-year-old heifer, sired by our senior herd bull, Chimacum Spring Farm King Pontiac, from a most beautiful show cow with a 305-day record, just completed of 896 lbs. butter from 22,000 lbs. milk. Full sister to the dam has 1025 lbs. in a year, while a full sister to the heifer we are offering made over 18 lbs. as a 2-year-old and is now making a splendid year record and goes to the National in June. This offering is in calf to a 34-lb. grandson of the world champion long distance 2-year-old.

No. 4—KORNDYKE MECHTHILDE KEYES

Butter 7 days (at 4 years)	27.85	lbs.
Milk	609.9	lbs.
Butter 60 days	201.4	lbs.
Milk	4653.	lbs.
Butter 90 days	290.15	lbs.
Milk	6575.4	lbs.

A show cow in the pink of condition, due to freshen April 27th, in calf to a son of a 34-lb. cow. A sister to this cow sold to Toyon Farms for $1250. Another sister in this sale is making a great year record.

No.5—BARONESS PONTIAC DE KOL BELLE, now on year test, as a 3-year-old making a splendid record. She is sired by our herd bull, Chimacum Spring Farm King Pontiac from a dam with a 7-day record of better than 20 lbs. butter and now on year test. She has two 31-lb. sisters. This heifer will at time of sale be in calf to a son of Mutual Fobes Longfield De Kol.

No. 6—QUEEN DIAMOND PONTIAC with a 2-year-old record of 17.25 lbs. butter from 412 lbs. milk and in 188 days has produced 368 lbs. butter and almost 10,000 lbs. milk, now making a 305-day record. She is also by our herd sire, Chimacum Spring Farm King Pontiac from a 24-lb. dam. This is an exceptionally well bred heifer and a show animal.

No. 7—BARONESS DE KOL BELLE 2d, now making a very creditable 305-day record, sired by Sir Korndyke Pietertje Hartog (two 31-lb. daughters), while her dam also has two 30-lb. sisters and traces on both sides to Lord Netherland De Kol.

No. 8—VON HEIM HARTOG MARGARET, an 18-months-old heifer, sired by Colantha Sir Hartog and sister to Von Heim Mary Hartog with 31.29 lbs. as a senior 2-year-old. This heifer's dam is Von Heim Margaret with 20.67 as a junior 2-year-old, she also by Colantha Sir Hartog. She is due to freshen in July to the services of Chimacum Spring Farm King Pontiac. One of the outstanding members of our consignment.

No. 9—ENSIGN KORNDYKE MODEL PONTIAC, a perfect show bull sired by Chimacum Spring Farm King Pontiac from a 27-lb. three-year-old, the second dam a twice 30-lb. cow, the third dam a 30-lb. cow with 1100 lbs. in a year. His five nearest dams average over 30 lbs.

J. S. GIBSON COMPANY

Featuring a consignment especially strong in long time backing and representing 30,000 yearly production through both Tilly Alcartra and Winnie Korndyke Cornucopia De Kol.

IN THE

THE GUARANTY SALE

CALIFORNIA BREEDERS GUARANTY SALE

MARCH 25

SACRAMENTO CALIFORNIA

1 PRINCESS CREAMCUP PONTIAC.
At 2 yrs. old (junior)
Butter 18.51
Milk ..... 400.

She is sired by Segis Creamcup Pontiac, a proven son of Segis Pontiac De Kol Burke from a daughter of Ignaro De Kol with a year record of 877 lbs. of butter.

The dam of this heifer is a granddaughter of Tilly Alcartra with a recently completed year record of 1000.3 lbs. butter from 21,752 lbs. milk. The second dam has 617 lbs. butter in 10 months as a four-year-old.

Five of the near dams of this heifer average 980 lbs. butter from 23,512 lbs. milk and she is in calf to a bull whose two nearest dams average 1261 lbs. butter from 32,229 lbs. milk. Here is one of the choicest yearly record bred heifers ever sold in a public sale.

2 HER FULL SISTER. This great heifer is but 14 months old and is selling unbred. Any breeder desirous of getting close up to the fountain head of real production should not overlook this pair of full sisters. They are worth a fortune to any breeding establishment.

3 ROMA PRINCESS ALCARTRA 2d. This is a two-year-old daughter of Roma Princess Alcartra who as a four-year-old made 30.39 of butter from 567 lbs. of milk and has a 10-months record of 778 lbs. butter from 17,781 lbs. milk. She is by a son of Tilly Alcartra, highest record milk producing cow in the world.

4 TWO YOUNG HEIFERS—both sired by Sir Aaggie De Kol Acme and from daughters of King Korndyke Pontiac. Sir Aaggie De Kol Acme will be remembered as a son of the world's champion long distance cow under strictly official test. And to make this offering still more attractive they are due in April and July to a bull whose two nearest dams average over 1260 lbs. butter from 32,000 lbs. milk in a year.

5 Five especially desirable animals.

J. S. GIBSON CO.

WILLIAMS, CALIFORNIA

TOYON FARMS ASSOCIATION

Featuring a high class offering in the Pacific Coast Classic.

IN THE

THE GUARANTY SALE

CALIFORNIA BREEDERS GUARANTY SALE

MARCH 25

SACRAMENTO CALIFORNIA

1 A 16.81-lb. 2-year-old daughter of Segis Pontiac Acme, out of a two times 30-lb. cow that made 798.3 lbs. butter from 18859.8 lbs. milk in 365 days, beginning test a few days before she was 13 years old. A great heifer out of a great dam. She is now on yearly test, making an excellent record and is well along with calf to Sir Aaggie Mead.

2 An 18-lb. 2-year-old daughter of Segis Pontiac Acme, now on yearly test with 313.4 lbs. butter to her credit in 123 days. Bred to Sir Aaggie Mead.

3 An 18-lb. 2-year-old granddaughter of the 1136-lb. 4-year-old Queen Piebe Ormsby Mercedes, out of a 26-lb. 3-year-old daughter of Sir Johanna Ruth Fayne. She is now on yearly test with 333.81 lbs. butter to her credit in 142 days. A heifer of exceedingly rich breeding. Bred to Sir Aaggie Mead.

4 A 25.35-lb. 3-year-old granddaughter of King of the Pontiacs out of a granddaughter of Sir Ormsby Hengerveld De Kol. Bred to Sir Pietertje Ormsby Mercedes 43d.

5 A yearling daughter of the above cow, by a 35-lb. son of King Valdessa. Bred to Sir Pietertje Ormsby Mercedes 43d.

6 A 21.91-lb. granddaughter of the famous cow Jessie Fobes Bessie Homestead, out of a daughter of Mutual Fobes Longfield De Kol. Now on yearly test and making a good record. Bred to Sir Pietertje Ormsby Mercedes 43d.

7 A 20-lb. daughter of Johanna Colantha Champion out of a 24-lb. 4-year-old daughter of Sir Johanna Ruth Fayne. Now on yearly test with 521.63 lbs. butter to her credit in 182 days. Bred to Sir Pietertje Ormsby Mercedes 43d.

A 25-lb. daughter of Lad Legend of Kakenstein 2d out of a 22-lb. daughter of Sir Skylark Ormsby Hengerveld. Now on yearly test and starting well. Bred to Sir Pietertje Ormsby Mercedes 43d.

9 A yearling daughter of Finderne Soldene Valdessa. 35-lb. son of King Valdessa, out of a 21-lb. daughter of Sir Skylark Ormsby Hengerveld. Bred to Sir Pietertje Ormsby Mercedes 43d.

10 A 3-year-old granddaughter of Sir Korndyke Hengerveld De Kol out of a 23-lb. granddaughter of King Walker, now on yearly test with 202 lbs. butter to her credit in 113 days. Her dam is a great individual and also on yearly test making a good record. Bred to Sir Pietertje Ormsby Mercedes 43d.

And this great yearly record bull

11 Toyon Model Hartog, one of the greatest yearling bulls in the sale. He is sired by a son of a 31-lb. two-year-old, while his dam is a 23.77-lb. junior two-year-old, daughter of Chimacum Spring Farm King Pontiac. This heifer is now on test and in 244 days has 586.6 lbs. butter from 13,850 lbs. milk. Her dam is a 31-lb. cow that produced as a four-year-old over 30 lbs. in 7 days and 872 lbs. in a year, winning first in her class as a three-year-old at the 1918 National. The third dam is a 30-lb. cow with over 1129 lbs. in a year from 25,874 lbs. milk. Please note this youngster will be backed by three generations of semi-official record dams and with this he has a cross of Aaggie Cornucopia Johanna Lad, King of the Pontiacs and Tidi Abbekerk Prince.

11 Extremely Choice Animals

Toyon Farms Association

MILLS BLDG.

San Francisco, California

THE GUARANTY SALE

California Breeder's Guaranty Sale

We are sending an extremely high class consignment to this sale, including a ¾ sister to Raphaella Johanna Aaggie 3d

RAPHAELLA DE KOL PONTIAC

1 RAPHAELLA DE KOL PONTIAC

At 6 yrs. 11 mos.

Butter	33.82
Milk	671.73

This great 33-lb. cow is a three-fourths sister to **Raphaella Johanna Aaggie 3d with 910.8 lbs. butter in 7 days and a strictly official year record of 1033.4 lbs. butter from 30,637.2 lbs. milk which milk production is a world record. She will be fresh at time of sale.**

2 FINDERNE KODIENNA KORNDYKE

Butter	28.5
Milk	700.
Butter, 30 days	118.
Butter 60 days	228.
Milk 60 days	5500.

Here is a great daughter of King Pontiac Segis Korndyke from a 22-lb. daughter of King Hengerveld Aaggie Fayne. The fact that she is now being carried on strictly official test and that she is safely in calf to King Segis Alcartra Prilly, three times grand champion at the California State Fair—makes her one of the most attractive offerings of the sale.

3 MISS SEGIS PONTIAC WALKER

An outstanding yearling daughter of King Pontiac Netherland Segis 3d, whose dam is a 34-lb. cow. The dam of this heifer made 25.24 lbs. butter from 648 lbs. milk as a senior three-year-old—she by Prince Gelsche Walker from a 28-lb. cow with over 750 lbs. milk in 7 days. This great heifer has also been bred to King Segis Alcartra Prilly—California's great show bull and son of the former world's champion junior four-year-old.

4 A YOUNG BULL

Sired by King Segis Pontiac Alcartra Prilly out of a 33-lb. daughter of Spring Farm King Pontiac, he a 37-lb. son of the great King of the Pontiacs. The first eleven dams back of this calf average 30.54 lbs. butter. He is a most magnificent individual, light in color and one of the greatest young sires that ever left this herd.

BRIDGFORD HOLSTEIN COMPANY

PATTERSON CALIFORNIA

For individuality, type and breeding we believe this offering will compare most favorably with any ever sent to a sale of this quality

SACRAMENTO Cal. MARCH 25

Looking For Long Time Records?

We have in our herd the great heifer Miss Aaggie Acme Burke.

When she freshened she made over 26 lbs. of butter and 580 lbs. milk; we continued her in year test and as this draws to a close we have every reason to expect she will make over 1000 lbs. butter and over 24,000 lbs. milk AS A JUNIOR TWO-YEAR-OLD.

This heifer is from Aaggie Acme of Riverside 2d, the world's champion butter producing cow under strictly official test for a year making 1331 lbs. butter.

The next dam is Aaggie Acme of Riverside with over 1000 lbs. in a year as a 10-year-old.

The sire of Miss Aaggie Acme Burke is a son of Riverside Sadie De Kol Burke with over 1000 lbs. butter from 28,826 lbs. milk in a year.

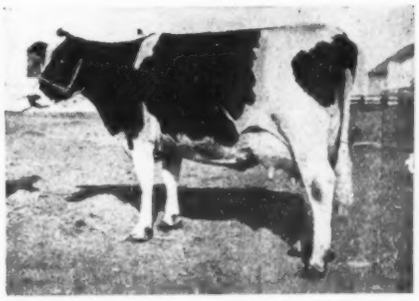
Thus the three dams back of Miss Aaggie Acme Burke are all 1000-lb. cows.

We bred her to a son of Miss Valley Mead De Kol Walker, one of the greatest heifers we ever owned, with over 1100 lbs. in a year as a three-year-old.

The result of this combination was a bull calf, as perfect an individual as we have ever seen.

He will be sold in public sale within the next four months.

When and where we will announce later but if you are looking for something out of the ordinary in the way of a real long time bull, just wait for this fellow.



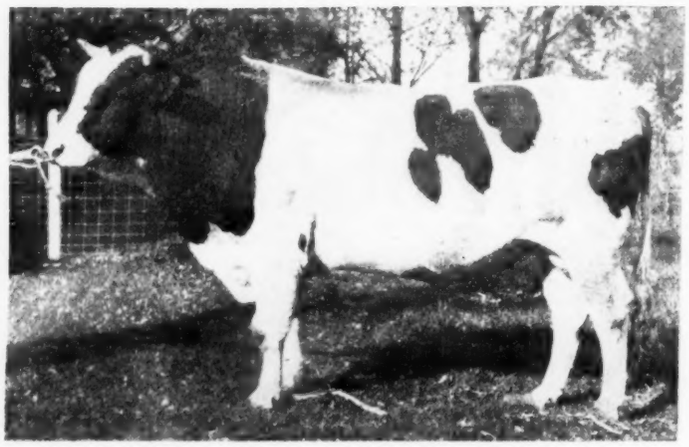
Aaggie Acme of Riverside 2d

Aaggie Acme of Riverside

Riverside Sadie De Kol Burke

A. W. Morris & Sons Corporation Woodland California

WHY TAKE CHANCES



King Pontiac Artis Sadie Vale

Why take chances in selecting a herd bull when you can buy King Pontiac Artis Sadie Vale, a 34.16-lb. son of King Korndyke Sadie Vale. King Pontiac Artis Sadie Vale is a proven sire. His get are noted for their individuality. Let us send you pictures of them. They are also good producers—one of his two-year-old daughters has 18.47-lb. butter. The three nearest dams of King Pontiac Artis Sadie Vale averages 37.61 lb. butter while his six nearest dams average 33.76 lb. butter. His three maternal dams are all A. R. O. cows, whose records indicate consistent production. They all have good milk records in connection with their butter production. He is guaranteed a breeder. Send for pedigree.

Hollyhock Farms **Dousman, Wis.**

Gustave Pabst, Owner F. J. Southcott, Mgr.

HURD'S RECORD MAKERS KEEP GOING

We are informed by C. W. Hurd of Elma, N. Y., that his two new 30-lb. cows whose records were reported in the World a few weeks ago, have both completed good 30 day records. Hurd's Korndyke Segis Johanna, the junior 4-year-old that made 32.49 lbs. butter from 592.4 lbs. milk, is now reported with a 30 day record of 112.33 lbs. butter from 2493.1 lbs. milk. The other 30 lb. junior 4-year-old, Hurd's Princess Korndyke, with 30.26 lbs. butter from 522 lbs. milk, has to her credit in 30 days, 114.73 lbs. butter from 2305.9 lbs. milk. A daughter of Mr. Hurd's senior sire, Hilldale Korndyke Abbekerk, has just made a good 3-year-old record 90 days after freshening, of 19.95 lbs. butter from 420.3 lbs. milk in 7 days and 80.15 lbs. butter from 1721.5 lbs. milk in 30 days. Her name is Hurd's Bell Korndyke, and her record is considered a very creditable one due to the fact that it was made so long after freshening. Mr. Hurd also reports that a junior 2-year-old, Hurd's Segis Sadie Vale, has to her credit 21.32 lbs. butter from 461 lbs. milk in 7 days, and 40.17 lbs. butter from 884.6 lbs. milk in 14 days. She is a daughter of his junior sire, King Korndyke Sadie Vale 29th, being his first daughter to freshen.

Hilldale Korndyke Abbekerk, the senior sire at Hurd's Farms now has two daughters with 4-year-old records above 30 lbs., which are his only two daughters as yet to be tested at 4 years old, or over. In other words, 100% of his daughters to be tested at more than 3 years old have made 30 lb. records, which is a most unusual showing.

MICHIGAN SCHOOL BUYS CANADIAN HOLSTEINS

Five purebred Holstein cows have recently been imported from Canada by the Agricultural School at Dunbar, Mich. They will be added to the dairy and will also be used for demonstration purposes. They were purchased from G. W. Evoy, Bar River, Ont., by Supt. Arthur Smith of the Dunbar School, who paid especial attention to type and dairy quality, especially to top lines and shape of udders, according to a news report from Ingersoll, Ont. All five are bred to a grandson of May Echo Sylvia and an effort will be made to give them creditable official records at freshening.

Special Notice

SUMMIT FARMS will consign to the April Sale of The Purebred Live Stock Sales Co., Brattleboro, Vermont, 5 young cows bred to King Walker Johanna Lad, four of these with A. R. O. records; one 20-lb. 3-year-old daughter of King Walker Johanna Lad; four yearling daughters of King Walker Johanna Lad out of A. R. O. cows, bred to King Walker Clover Blossom, the son of the sensational New England heifer, Marion Clover Blossom 3d, with the following records: As junior 2-year-old, butter 22.26, milk 470.3 in 7 days; butter 33.43, milk 620.4 in 7 days; 137.96 butter, 2498.6 milk in 30 days as a junior 3-year-old; butter 37.32, milk 641.2 in 7 days; butter 151.96, milk 2623.1 in 30 days as a junior 4-year-old.

Young bulls from high record dams for sale at all times.

SUMMIT LUMBER COMPANY, Owners

Davidson, Maine

Holstein-Friesian Association of Kansas

4th ANNUAL SALE

AT THE FAIR GROUNDS AT TOPEKA, KANSAS

Thursday and Friday, March 25 & 26, 1920

120 HEAD

WITHOUT A QUESTION the greatest representation of the richest blood lines of the Holstein breed ever offered in any sale in the West.

READ BELOW a few of the outstanding features of this sale:

Every animal selected from a herd whose owner is a member of the Kansas State Association and who stands back of the cattle that are sold.

Every animal sold with a 60-day retest guarantee against tuberculosis.

Seven cows due shortly after sale date that are surely 30-lb. prospects.

Twelve cows with records from 20 to 26 lbs.

Forty daughters of A. R. O. cows and all bred to bulls whose dams have made 30 lbs. of butter or better in seven days.

A granddaughter of Sarcastic Lad and bred to a 34-lb. bull.

Four handsome daughters of a 31-lb. son of King of the Pontiacs, King Pontiac Johanna.

A wonderful four-year-old heifer bred to a son of Duchess Skylark Ormsby.

Three daughters of Johanna Bonheur Champion 2d, Grand Champion bull at the National Dairy Show in 1919 and Grand Champion in 1920 wherever exhibited.

Star Belle Hengerveld who has a record of 26.08 lbs. of butter in seven days.

Hengerveld Burke Queen with 25.263 lbs. of butter, 635 lbs. of milk in seven days and will freshen the 3d of April and will be a sure 30-lb. prospect or better.

A daughter of Walker Copia Champion, bred to Count College Cornucopia, a sire whose two nearest dams averaged 648 lbs. of milk and 32.62 lbs. of butter in seven days.

Six two-year-old heifers, three of which are daughters of Canary Paul Homestead 13th and all bred to a 31-lb. grandson of Finderne Pride Johanna Rue, with a yearly butter record of 1470.57 lbs. of butter. World's record when made.

Four cows bred to a 31½-lb. son of King Segis Pontiac Alcartra, 30-lb. son of King Segis Pontiac and known as the $50,000.00 bull.

Six two-year-old daughters of Prince Woodcrest Green, the 30-lb. grandson of Homestead De Kol Sarcastic Lad. Due to freshen in the fall to Superba Sir Rag Apple the 29-lb. grandson of Pontiac Lady Korndyke with 38.33 lbs. butter in seven days.

Five heifers and cows bred to Collins Farm Vanderkamp De Kol whose dam is the only cow in the world that has five records above 30 lbs. that average over 34 lbs. of butter in seven days.

A four-year-old 20-lb. daughter of Dutchland Pietertje Sir Creamelle and bred to a 36-lb. grandson of May Echo Sylvia, dam of the $106,000.00 bull.

A daughter of a 30-lb. son of Pontiac Korndyke, every dam in her pedigree with an A. R. O. record.

Seven cows bred to Sir Pietertje Ormsby Fobes, Grand Champion bull at the Kansas National Live Stock Show this year.

A daughter of Dutchland Colantha Sir Inka bred to that good young sire Sir Augustine Hengerveld.

Two daughters of Maplecrest Banostine De Kol, the best son of the famous Maplecrest Pontiac Belle, now finishing a yearly record of more than 1000 lbs. of butter.

Some beautiful daughters of King Model Johanna Fayne.

Two cows bred to King Konigen Segis now on test and will have very creditable A. R. O. records by sale day.

One daughter of King of the Hengerveld with a 20-lb. three-year-old record and who has a sister with a record just made of over 700 lbs. of milk and nearly 33 lbs. of butter in 7 days, 6000 lbs. of milk and 250 lbs. of butter in 60 days. Bred to the good bull Walker Copia Champion.

8 bull—dams' records from 26 to 31 lbs. butter in 7 days.

Added Attractions

A complete dispersal of the Dr. Pritchard herd at Topeka. Known all over the state because of its rich breeding and unusual individuality. It consists of ten magnificent cows, five yearling heifers, five heifer calves.

We have also secured fifteen cows and two young bulls from the great show herd of the U. S. Disciplinary Barracks.

After reading the above we need not tell you that this will be y[illegible] greatest opportunity to purchase the best blood lines of the breed from among [illegible] best breeders in the state.

Catalogs will be sent only to those who ask for them. Write to-day for a[illegible] of this most unusual sale, to

W. H. MOTT, Sales [illegible]nager

Herington, Ka[illegible]

A PRODUCING HERD THAT LOOKS THE PART

A Visit to the W. H. Mace Herd

A very enjoyable Saturday half holiday was recently spent by Misner and myself on the occasion of our visit to Idyllwilde, W. H. Mace's Holstein farm near Cortland, N. Y. Although the trip involved waiting in a stuffy railroad station for a stormbound train, and after our arrival at Cortland, facing a typical Central New York 1920 blizzard for a ride of half a mile or so into the country, what we found at our journey's end well repaid us for the effort, and by a unanimous vote, it was decided that we were glad we came.

The main reason for our visit, aside from the pleasure we always get from a chat with our genial and entertaining friend, Bill Mace, was the desire to see his new herd sire just purchased in Canada, Sir Riverdale Echo Lyons. We had of course heard of this purchase and knew that the bull was a maternal brother to the world's greatest milk producer, May Echo Sylvia, being a son of May Echo Verbelle. This great cow, as most of our readers undoubtedly know, has a record as a 10-year-old, of just under 30 lbs. butter in 7 days, and has also produced over 700 lbs. milk in a week. She is likewise the only cow in the world to have four daughters with 600 lb. milk records, and she and her dam, May Echo, are the only dam and daughter each producing 100 lbs. milk in a day, and each having two daughters that have produced over 100 lbs. in a day on official test. There are, of course, a great many large producers in this famous May Echo family, but it is perhaps significant that every 30-lb. cow in this family and, with one exception, every cow with 600 lbs. milk in a week, is a descendant of May Echo Verbelle, except, of course, her own dam.

The sire of Mr. Mace's new bull is Sir Lyons Segis, whose six nearest dams including one 2-year-old, have records averaging 30.57 lbs. Omitting the 2-year-old record, the five average 32.68 lbs. He is a son of King Pieter, a 32-lb. sire of good transmitting power who has made considerable reputation in Canada. The dam of Sir Lyons Segis is Betta Lyons Segis, with a 2-year-old record of over 20 lbs. She is a daughter of the great King Segis, and her dam who has made two different 34-lb. records, is also a daughter of a 34-lb. cow.

With such breeding on both sides of his pedigree, we were therefore hoping to find Sir Riverdale a splendid individual, and knowing Mr. Mace's reputation as a Holstein judge, we expected that that is what we would find. Nor were we disappointed. He has just arrived from Canada after a rather hard trip, and was not looking in the best of condition, but Mr. Mace has promised to send us a picture of him as soon as he gets him cleaned up a bit and rested up from his trip. Until then our readers will have to be content with our statement that his individuality is as good as his breeding, which is indeed high praise.

Although the new bull was the main object of our visit, we found that the entire herd was well worth facing the storm to see: I have referred to this herd as "a producing herd that looks the part," and this is no idle flattery, but is really my true opinion of the herd. Since last November, when he started the season's official testing, Mr. Mace has made no less than seven 30-lb. records, and ten records made by him average better than 30 lbs. each. On your right as you enter the cow stable, stands a string of square butted, square uddered producers, the first seven in the row all 30-lb. cows.

Perhaps the most outstanding of these is Cornucopia Merilles De Kol 2d, who is really one of the greatest individuals one could hope to see. If I were to attempt to describe her, it would be difficult to make the description sound any different from a description of any other good individual, and I know that some of our skeptical readers look askance at too many high sounding superlatives. Suffice it to say, therefore, that we have asked Mr. Mace to take a good picture of her as soon as the weather moderates a trifle, and it is more than probable that if this picture does her justice it will appear on the front cover of an early issue of the World. We can pay her no higher compliment than that. As a producer, she has to her credit a record of 32.72 lbs. butter from 685.5 lbs. milk in 7 days and 131.48 lbs. butter from 2923.3 lbs. milk in 30 days, her best day's milk being 106 lbs.

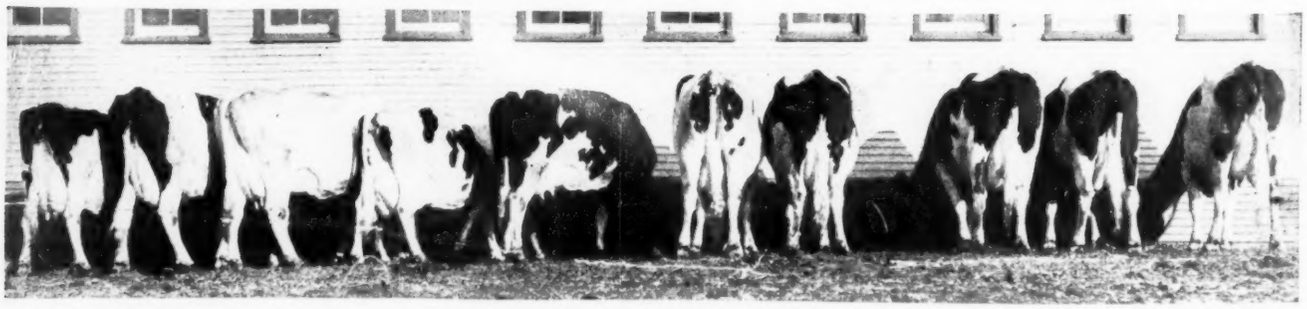
Another good one in the line is Blue Label Betsy, a 31-lb. cow with a 30-day record of just under 123 lbs., producing 88.5 lbs. milk her best day, and averaging over 77 lbs. a day for 30 days on official test. We saw a yearling son of this cow, a little white beauty, with about the straightest top line and squarest rump that we ever saw on any yearling bull. Other 30-lb. cows include Hattie Corona De Kol 2d, a big black cow with 30.05 lbs. in 7 days, 121.3 lbs. in 30 days, and 225.56 in 60 days, averaging over 74 lbs. of milk a day for the 60 day period. Also, Alken Ruth De Kol, with 31.28 lbs. butter from 554.8 lbs. milk; and Westside Aaggie Cornucopia, with 30.21 lbs. butter from 592.6 lbs. milk.

We were interested in a heifer recently purchased in Canada, May Hillcrest Pontiac, who has a 20-lb. 2-year-old record, and who now as a junior 4-year-old, is on official test and milking around 90 lbs. a day. She is a daughter of May Echo Champion, who is one of Canada's coming young sires and a full brother to the great May Echo Sylvia. Her dam has a record of 28.8 lbs. butter in 7 days. Mr. Mace also owns her yearling heifer, sired by Sir Riverdale May Echo Lyons, who is a full brother to his new herd sire. She is a beautiful white heifer and Mr. Mace is hoping to send her to the National Sale at St. Paul next June, along with the 32-lb. cow that we described above.

Another that Mr. Mace wants to send to the National is Juno Nathalie, a 30-lb. cow sired by one of the best sons of Hengerveld De Kol. She is due to freshen in April, and is in the pink of condition, and her owner believes is bound to increase her present record of 30.55 lbs. butter in 7 days and 119.09 lbs. in 30 days. Her daughter is also in the herd, Juno Nathalie Champion, and is soon due to freshen as a senior 2-year-old. This heifer is sired by King Segis Korndyke Champion, who is a coming young sire out of a 31-lb. cow that is the best daughter of the century sire, Lord Netherland De Kol—he being sired by King Segis Champion who has a 36-lb. dam, a 37-lb. 4-year-old daughter, and a 40-lb. 4-year-old sister. Mr. Mace has several other daughters of this same sire, including Duchess Segis Champion, who made a 2-year-old record of over 20 lbs. She is now on test as a 4-year-old, and in her first seven days had passed the 28-lb. mark. At the time we were there, she was still going good with some comparatively light days at the beginning of the week to cut out, and Mr. Mace is hoping to pass 30-lbs. with her. She is a splendid individual, and Mr. Mace would like very much to send her to the National Sale too. Her 25-lb. dam is also owned in the herd, as well as three more sisters by the same sire, one of them with 26.88 lbs. butter from 553.4 lbs. milk as a 4-year-old, another with over 21 lbs. as a junior 3-year-old, and another with 17 lbs. as a 2-year-old, she being from a 25-lb. dam with a 28-lb. second dam.

Two of the best members of the herd are daughters of Tidy Abbekerk Prince, the latest century sire with nine 30-lb. daughters, both about ready to freshen and both in great condition and splendid prospects for 30-lb. records. One of them is out of the grand old 25-lb. cow Previous 2d, and the other is out of her 33-lb. daughter, sired by the century sire, Changeling Butter Boy.

(Continued on page 120.)



A STRING OF GREAT PRODUCERS

In the W. H. Mace herd at Cortland, N. Y. Note the broad, square rumps and well hung, well shaped udders. To be sold in the Mace dispersal.

COMPLETE DISPERSAL SALE

TABER & BREWSTER HERD

Canastota, N. Y. March 27, 1920

40 HEAD

Of high class animals strong in the blood of King Segis Beets, one of the best proven sons of King Segis.

40 HEAD

Cows With Splendid A. R. O. Records up to 25.50 Lbs.

Twelve Granddaughters of King Segis Beets

These heifers from dams with records up to over 25 lbs. and sired by King Segis Inka Beets, a son of King Segis Beets from Rosa Inka Concordia, a cow with 27.17 lbs. butter from 672.8 lbs. milk in 7 days, made at 10 years. She by a son of Sadie Vale Concordia—the breed's first 30-lb. cow.

It will be recalled King Segis Beets, from a daughter of Paul Beets De Kol, is one of the very best proven sons of King Segis and at the present time has several high record daughters up to 31 lbs.

Some of the Cows to be Sold in this Sale

Hollis Johanna 3d	24.47	Corona Johanna Lass	25.50
Jeannette Armourette 2d	24.18	Alma Belle Korndyke	22.01
Luna Snowflake Rag Apple	23.33	Melba Arona 2½ yrs.	20.96

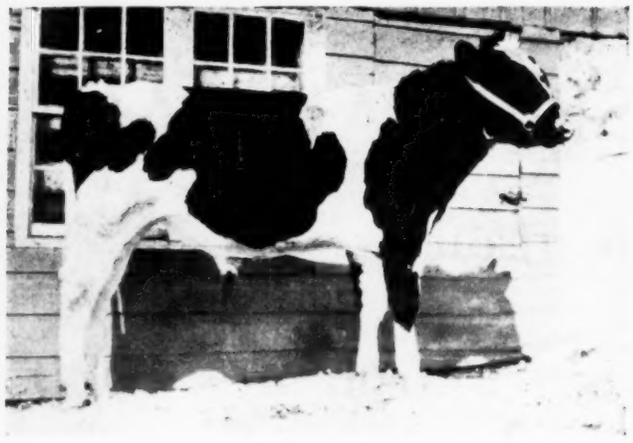
Any one looking for a bunch of good foundation animals should not overlook this sale. In addition to the bunch of daughters of King Segis Beets, there will be granddaughters of Duchess Ormsby Butter King, Colantha Johanna Lad and other well known sires.

Sale under management of the

Liverpool Sales and Pedigree Company

LIVERPOOL **NEW YORK**

(Sale will be held at the Byron-Taber Farm, located within the village limit of Canastota, N. Y. on Saturday, March 27, 1920.



THE WATERTO

SALES O

Will sell

April 5th a

In the Sale Pavilion at WA

130 HEAD—OF SELECTED REG ST

We say selected because our inspectors have gone out an reject
sequently you may rest assured that there will be no culls t greet

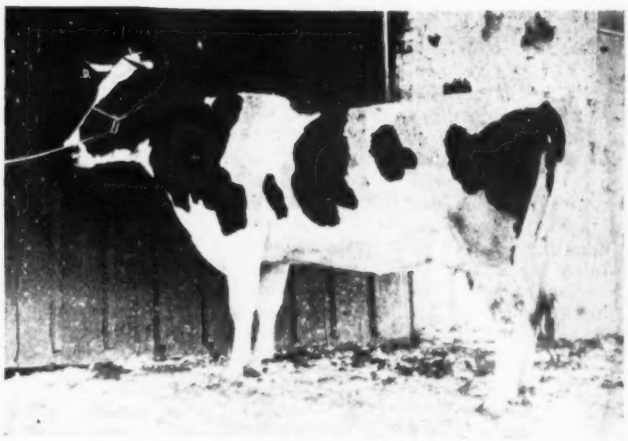
We believe that we will have two rare treats for you in the herds that we shall disperse on th ters o
above named dates. The W. E. Cook herd of Unity, Wis., numbers about 25 head, a choicely bre with u
herd made up of daughters of Sir Segis Beets De Kol, a proven 27-lb. son of King Segis Beets an
daughters of King Beets Lyons, a proven son of King Lyons. Practically all the animals in milk wi of sell
have A. R. O. records. Some of them are on test at this time. They are from dams with records u good
to 28 lb. These cows are in calf to Mr. Cook's herd sire, a 30-lb. son of Sir Pietertje Ormsby Merc of our
des 43d, who was by Sir P. O. M. and from Aaggie Wayne Peep, a 34-lb. cow with 1250 of butter i of Ki
a year and 27763 of milk in the same length of time. This bull will be sold. We also offer the Fre ors wh
Winkenwerder herd, comprising about 20 head, a very attractive little herd made up largely of daug O. E.
Lake

Bear these facts in mind: That all the catt have
satisfy our patrons before and after sales; th we ha
better class of cattle this Spring than we ha ever b
been in vain. All animals tuberculin teste Catalo

HAEGER, MACK, KELLEY, WOOD

WN HOLSTEIN

OMPANY



sell on

and 6th

WATERTOWN, Wis.

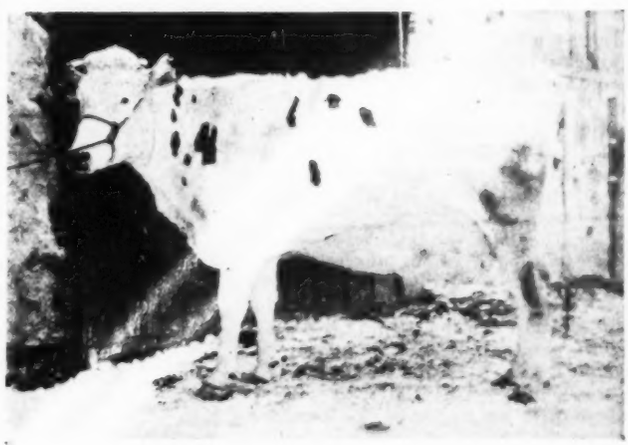
STERED HOLSTEINS—130 HEAD

rejected undesirables. Every animal has been looked over, con-
greet you in our sale pavilion on the above named dates.

ters of a 26-lb. son of Sir Prilly Walker. You'll find good A. R. O. records in this lot and you'll agree with us that they score mighty well as individuals.

C. H. Erdmann, Juneau offers the choicest 30-lb. bull individually we have ever had the privilege of selling. You'll be delighted with him. Spring Brook Farms include ten head, springing cows largely, good ones and bred to their Pontiac Korndyke bull. Edgewood Farms have selected, with the assistance of our inspectors, 18 head of good individual heifers. These will all be in calf to either a 30-lb. grandson of King Korndyke Sadie Vale or a 33-lb. son of King Pontiac Champion. Some of our other consignors whose cattle have always pleased you and who will have surprises in store for you this Spring are: O. E. and T. E. Mullen, Watertown; W. W. Bird, Cambria; John Bradley, Randolph; Edwin Gibbs, Fox Lake; F. G. and Wm. Lehmann, Watertown; Otto Brandt, Horicon.

have been inspected; that we do our utmost to
we have made a special effort to assemble a
ever before offered you. Our efforts have not
Catalogs by writing to



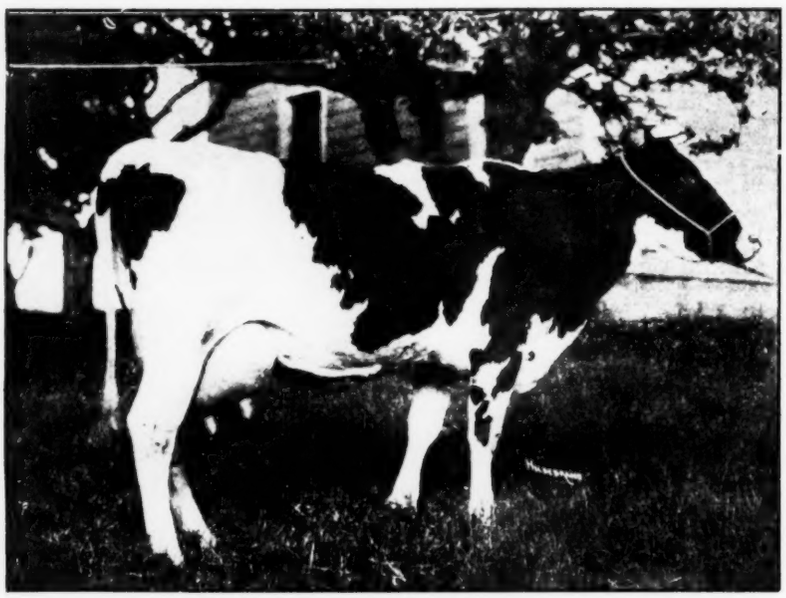
FRANCIS DARCEY Sec'y

Watertown, Wis.

(Continued from page 116.)

Another that deserves special mention is a daughter of King Walker 5th, and Misner, who used to own an interest in her sire, told us that she is a perfect picture, especially about the head, of her grandam, Paula of Chagrin Falls 3rd, a 30-lb. cow that averaged over 100 lbs. milk a day for 100 days.

I have not yet mentioned the first two cows in the line, as I have been concerning myself more with records made by Mr. Mace. These two that Mr. Mace considered good enough to place at the head of his line are certainly a great pair, both having 31 lb. records made some years ago and afterwards purchased by Mr. Mace. The first of these is Palmer Veritas De Kol Ormsby, who made a 25-lb. record as a 3-year-old, and as a senior 4-year-old made 31.92 lbs. The other, Hilldale Rosa Segis, also made her 31-lb. record as a 4-year-old, her figures being 31.52 lbs. butter from 652.1 lbs. milk in 7 days, and 120.8 lbs. butter from 2607.4 lbs. milk in 30 days. She is nine years old and her udder is pretty badly shot, but just the same, she is one of the grandest looking cows in the herd with many years of usefulness as a reproducer ahead of her.



HILLDALE ROSA SEGIS

A 31-lb. cow in the W. H. Mace herd. She will be sold in the Mace dispersal.

The entire Mace herd is a herd of producers. I saw the milk sheet posted in the barn myself and can therefore vouch for Mr. Mace's statement that the 32 head, including a number of strippers, are sending to the condensary no less than 1500 lbs. milk in a day, while 25 head taken from the herd of 32 milkers, are averaging over 60 lbs. a day. While Mr. Mace has done no long-time testing, records are kept of milk production throughout the year and he knows that his herd is producing milk at a good profit.

And now we come to the strangest part of the whole story for, as will be seen from Mr. Mace's advertisement elsewhere in this paper, he is going to disperse his entire herd at public sale next May. Why, you may well ask, will a man build up such a herd of producers and grand individuals and then throw them upon the public market? The answer is this, Mr. Mace, owing to difficulty in securing help, is obliged to reduce his herd. If he advertised a reduction sale, there are some doubting Thomases who would undoubtedly cry that it was a "cull' sale, that he had sorted out the ones he did not care to keep and was selling them. Mr. Mace is therefore going to sell his entire herd positively without reserve, to the highest bidder, with the exception of the few animals that the sale committee pick out to send to St. Paul to the National Sale next June. He is not going out of the breeding business, for he has confidence in the Holstein cow as a money making proposition. He is, however, going to sell out his entire herd and then build up again at Idyllwilde a small herd of the very best Holsteins he can find, a herd that will not require the services of so much hired help. While some of us may question his judgment in permitting the public to buy this herd, the result of years of careful breeding operations, absolutely at their own price, we have to give him credit for having the courage to offer this opportunity to the Holstein public. W. A. P.

JONES SELLS ANOTHER TO VERMONT

Editor World:

Among the recent sales of young bulls from Spring Farm Herd, I wish to speak of one recently shipped to Mr. G. W. Dillingham of Northfield, Vt. This young bull is sired by Spring Farm Pontiac Cornucopia No. 77172 better known as the $15000 son of K. P. Pontiac Lass 44.18 in 7 days 171.50 in 30 days holding all the world's record for three years from 1 to 100 days at the time her records were made.

This sire has now over 30 daughters in the A. R. O., one two-year-old with nearly 31 lbs., one three-year-old with over 30 lbs., another three-year-old with over 28 lbs. and two-year-olds with over 20 lbs. too numerous to mention. His ability as a sire is proven without a doubt and he is one of the very choicest individuals of the breed as well. This great sire has many sons heading leading herds in this country, among which can be mentioned the great King Valdessa heading Finderne Herd of New Jersey, Champion Echo Sylvia Pontiac heading A. C. Hardy's great herd of Brockville, Can., King Dollar until he died from an accident was used extensively in the Stevens Bros. herd at Liverpool, N. Y., and many other sons of this great sire in use in numerous herds throughout the country.

The dam of Mr. Dillingham's bull is Clintonia Maid No. 103242 with a record of 29.98 lbs. from 598 lbs. of milk at 9 years of age. She is a cow of the old-fashioned type being low down broad, deep and even on the back and a superior individual being heavily veined and carrying an excellent shaped udder with a teat on each corner, this cow has also proven that she can transmit as she has three A. R. O. daughters, one with over 30 lbs. at 5 years and nearly 100 lbs. of milk per day, another with 22.93 lbs. at 3 years and the third one made nearly 15 lbs. as a two-year-old in thin condition. Thus it will be seen that Clintonia Maid reproduces herself in her daughters. Her breeding is of the very best being by a son of that great sire, De Kol 2d's Butter Boy 3d while her dam is also the dam of 5 A. R. O. daughters.

So it is quite safe to predict that a young sire with such breeding and transmitting ability of ancestors together with his wonderful individuality can not help but reproduce these great qualities in his offspring, the community that this young bull has gone into can congratulate itself on the foresight and wisdom shown by Mr. Dillingham in the selection of this great young sire to place at the head of his herd, his development will be watched with interest by the owners of his ancestors.

Francis M. Jones

Clinton, N. Y.

McPHERSON FARMS MAKE FINE RECORD

A splendid milk record is reported by McPherson Farms Company of Howell, Mich., for their cow Coronis Hengerveld Cornucopia 2d, whose figures are given as 696.9 lbs. milk containing 29.28 lbs. butter in 7 days and 2669.6 lbs. milk containing 117.73 lbs. butter in 30 days, her best day's milk being 105 lbs. This cow is a full sister to the Texas state champion milk producer, Coronis Colantha Cornucopia, who was bred and raised by McPherson Farms Company and sold by them

FOR SALE—BULL CALF

Sire—It Fayne Pontiac 236116. Four nearest dams 31 lbs. butter.
Dam—Cornucopia Pel Butter Girl 135813, 489 lbs. milk and 20.448 lbs. butter at 9 yrs. 9 mo. from ¾ of an udder.
Price $100.00 F. O. B. Perry, Ohio.

Geo. W. Blackmore & Son
Perry Ohio

Norfolk Holstein Breeders Annual Sale

80 Head

M. C. R. G. T. R.

HAGERSVILLE, ONTARIO

60 miles west of Buffalo

80 Head

THURSDAY, APRIL 1st, AT 11 A. M.

At the mammoth Nichol barn. Hot lunch served by the Ladies' Aid Society. Ample accommodation for thousands.

This consignment positively represents the utmost in superior breeding and uniform individuality. Males and females from cows with good substantial, reliable milk and butter records and also a number of dairy test winners and progeny thereof. All animals over 6 months sold with tuberculin guarantee.

Our American friends will kindly remember that Uncle Sam's greenbacks are at a premium in buying Canadian cattle.

Write today for catalog to

W. H. CHERRY, Sales Manager

Hagersville **Ontario**

Jack Deming, Auctioneer

New Jersey's Greatest Holstein Sale

By The Somerset-Hunterdon County Holstein-Friesian Breeders Association.

At the sale pavilion of the New Jersey Agricultural College

The College Farm, New Brunswick, N. J.

FRIDAY MARCH 19, 1920

(Right in the heart of the great Holstein center of New Jersey)

70 — Registered Holsteins — 70

THE CONSIGNORS INCLUDE

Finderne Stock Farm, Finderne
Bloomingdale Farms, Somerville
Forsgate Farms, Jamesburg
Jacob E. Quick, South Branch
Geo. D. Wilson, Somerville
Willis E. Stryker, Belle Meade
C. Drysdale Black, Somerville
Sidney I. DeHart, South Branch
Geo. G. Brokaw, Neshanic Station
Thomas H. Mettier, East Millstone
Nevius Brothers, Bernardsville

New Suggestions There will be cattle with records ranging from 22 lbs. as two-year-olds to 30 lbs. Three young bulls from 30-lb. dams; a 30-lb. cow bred to King Valdessa. Cattle rich in the blood of King Valdessa, King Model, King of the Pontiacs, Rag Apple Korndyke 8th and other famous sires. All over six months old will be tuberculin tested by a Federal approved veterinary.

Geo. W. Baxter, Auctioneer R. Austin Backus, in the box

For Catalogue, Address

J. M. Nevius **28 Prospect Street** **Bernardsville, N. J.**

Lilliberk Farms

Last week's bull goes to Missouri, purchased by wire. This week we offer a bull born Dec. 4, 1919. He is ¾ white and a good individual, guaranteed to be right in every way. His dam is CLUNY COLANTHA PLEDGE DE KOL just three years old at this freshening and made her first butter record. In 7 days she has 20.66 lbs. of butter from 446.3 lbs. milk, in thirty days 84.57 lbs. of butter from 1908.6 lbs. milk. She is on yearly test and making a fine showing for a heifer of her age.

His sire is SIR ORMSBY WISCONSIN BANOSTINE. The records of his three nearest dams average 32.82 lbs. butter in seven days. He is from a 34-lb. dam and by a 34-lb. sire. The sire's dam, Duchess Skylark Ormsby is the only cow to produce 1500 lbs. butter in a year. The dam, a 34-lb. cow has twice passed the 30-lb. mark. Her dam, a 29-lb. cow.

Here is a calf with breeding good enough to head any herd. Price today $300 F. O. B. Homer. Just another LILLIBERK BARGAIN. Better send a wire if you want him or the other fellow will beat you to it.

WATCH FOR NEXT WEEK'S BULL. HE IS A WONDER BUT WILL COST YOU MORE MONEY.

J. F. Berkheimer
Owner
HOMER, MICH.

"Ormsby Means Quality"

R. N. Lyke
Herd Manager

CARY FARM HOLSTEINS

NEW ENGLAND'S "QUALITY" HERD

Health - Quality - Individuality - Production

Herd Sires:

38-lb. son of King Hengerveld Aaggie Fayne

32-lb. son of Sir Veeman Hengerveld

20-lb. son of Champion Echo Sylvia Pontiac

Cows, heifers (and calves either sex), some with A. R. O. records, some fresh, others to freshen soon from 30-lb. sires of proven producing strains, for sale at moderate prices. Special offerings in breeders young herds, animals not akin. Both 7-day and yearly work carried on with individuality ever uppermost in our efforts. One hundred and fifty head to select from. If you are in need of good, sound, healthy Holsteins let us hear from you, still better, come and see us. Visitors always welcome. Herd tuberculin tested.

Address all communications to

WINIFRED M. CARRIGAN, Sec'y

Cary Farm Lexington, Mass.

31-LB. BULL CALF — $300.00

Born February 17, 1920—7-8 white.

Dam, 31.04 lbs. butter in 7 days at 5 years. Grandam, 21.65 lbs. butter in 7 days at 12 years. Sire, a son of IT from a daughter of King of the Pontiacs.

CORNISH HILL FARMS

C. R. PLUMB Bangor, N. Y.

FOR SALE

Pure bred registered Holstein calves, five months. Sired by Sadie Vale Hengerveld Veeman bull. The dam of one is a very promising daughter of King Korndyke Ormsby Sadie Vale. The dam of No. two is a granddaughter of Hengerveld De Kol. Both have small records. The first check for $75 each takes them.

S. W. RUSSELL

Poland N. Y.

FOR SALE

A thrifty, aristocratic, beautifully marked bull calf, born Nov. 28, 1919.

His dam is an A. R. O. granddaughter of a 33-lb. bull. His sire traces back to two former world champions.

Also a few heifer calves, one from a 22.5 lb. cow, one from a 15.5 lb. 2-year-old and a few from untested dams.

J. A. HERMAN

Fombell Beaver Co., Pa.

to B. F. Kiles of Dallas, Texas, where she made a record of 811 lbs. milk in 7 days and over 120 lbs. in a day on official test. These two great milk producers are both daughters of a former herd sire at McPherson Farms, Colantha Pietertje Sir Aaggie, who has 35 A. R. O. daughters including, besides the two great producers already mentioned, a 27-lb. 3-year-old and other good ones. He is a son of the famous century sire Colantha Johanna Lad (26 30-lb. daughters) and his dam is a 23-lb. junior 3-year-old daughter of Aaggie Cornucopia Pauline (34.32 lbs.), and he is therefore a grandson of the first 35-lb. cow and the first 34-lb. cow.

Three sires are now in service in the herd of the McPherson Farms Company, one of them being King Pontiac Clothilde De Oakdale, whose sire is a son of the century sire, King Segis Pontiac, his dam being Princess of Oakdale (30.59 lbs.), who heads a combination of three direct generations of 30-lb. cows. Another McPherson herd sire is King Segis Vale Mobel De Kol who is from a 32-lb. dam and sired by a son of the first 40-lb. heifer, Mabel Segis Korndyke. The third sire is Cluny Banostine Pontiac Grant, who is out of a 25-lb. 4-year-old daughter of Flossy Grant of Pleasant View with a record of 32.95 lbs. butter from 712.8 lbs. milk in 7 days. His sire is a son of Friend Hengerveld De Kol Butter Boy, out of a 35-lb. daughter of Pontiac Aaggie Korndyke, with a yearly record of 1344.3 lbs. butter. With such sires at the head of a herd containing cows that can milk over 100 lbs. in a day on official test, it is safe to predict that more will be heard from the McPherson Farms Holsteins.

LASHBROOK SELLS A GOOD BULL

Editor World:

One of the most important recent sales from this herd was of the bull, Colonel Oak Pontiac Segis, who went to Victor Beckman of Little Falls, Minn. Mr. Beckman has a herd of about 30 pure bred females and was especially interested in the blood of King Segis Pontiac Count for his herd sire. The bull we sold him is from Colonel Abbekerk Pontiac Segis, the Carleton College herd sire, whose sire is the renowned King Segis Pontiac Count, and whose dam was Tidy Abbekerk Princess Gisella, who made 34.94 lbs. butter in 7 days and has a yearly record of 27444 lbs. milk and 1227 lbs. butter.

The dam of Mr. Beckman's bull is one of the most promising heifers in our herd, Bess Oak, with a record of 21.1 lbs. butter in 7 days as a junior three-year-old. We had not planned to test her as she milked to within two weeks of calving and was not fitted either, hence we consider her record very good under the circumstances. She will go on test this year as a 4-year-old under more favorable conditions and will be carried along semi-officially for the year. She is a daughter of our former herd sire, Sir Hengerveld Oak De Kol, whose five oldest daughters tested at an average age of 4½ years, have A. R. O. records averaging 28.5 lbs. butter in 7 days. His dam was the former Minnesota champion cow, Lady Oak Fobes De

(Continued on page 126.)

888 lb. Milk

Average of
Two Nearest Dams

Our Junior Sire

King Echo Sylvia Waldorf

Six nearest dams average over 700 lbs. milk in a week.

He is sired by Champion Echo Sylvia Pontiac (son of May Echo Sylvia).

His dam is Lady Waldorf Pietje, 772 lbs. milk in 7 days, 3034.3 lbs. milk in 30 days, 36.3 lbs. butter in 7 days, 150.86 lbs. butter 30 days, three times over 32 lbs. and twice over 35 lbs.

He is from the same dam as Lady Waldorf Pietje 2d that has just made over 36 lbs.

He is by the same sire as Lady Waldorf Sylvia, world champion 2-year-old for both milk and butter production 60 days.

The dam of Lady Waldorf Sylvia and King Echo Sylvia Waldorf are from the same cow.

King Echo Sylvia Waldorf is therefore a ¾ brother to the new 60-day world champion 2-year-old.

No other son of his sire has the high average milk production for his two nearest dams.

Woodlawn Dairy

Lincoln, Neb.

LISETER FARM'S HERD

Newtown Square, Penn.

Herd Sires

Model Annie King Segis, a son of Annie De Kol Butter Girl that made over 30 lbs. at three different times and sired by Lakeside King Segis Alban De Kol

Korndyke Hengerveld Rag Apple a son of Rosalind Hengerveld Inka that made 31 lbs. at two years and sired by Rag Apple Korndyke 8th.

We have a few young sons of above bulls for sale.

J. L. AUSTIN S. W. HAGAN, Mgr.

Rosemont, Pa.

HOLSTEINS FOR SALE

—along with health and satisfaction of 40 years standing.

One of the pioneer herds of New York State.

Farm also for sale and stock must go too. Fifty-five head to select from, all bred, raised and developed on our farms.

No females added from outside since imported foundation.

Granddaughters of King of the Pontiacs, King Segis Pontiac, and Lilith Pauline De Kol's Count.

Only one bull calf born Jan. 9th for sale. Sire a son of King Segis Pontiac from a 19.75-lb. 2-year-old daughter of King of the Pontiacs.

Dam a granddaughter of Lilith Pauline De Kol's Count with a record of 17.77 lb. butter 7 days at 1 year 10 months, and 21.34 lb. at 2 years 10 months.

No T. B. C. or abortion.

Sixty-day retest if you want it

Est. Joseph Haviland

Glens Falls N. Y.

STEVENS ANNUAL SALE

—Oak Glen Farms Herd—

125 HEAD Friday and Saturday MARCH 19-20, 1920

On account of not being able to give the proper attention to my farm business I am offering this beautiful farm of 400 acres for sale.

In this Sale we are offering

26 **Daughters of Pietje Woodcrest Lad.**

(7 A. R. O. daughters). Dam's yearly record 831.22 lb. butter.
These 26 head are all granddaughters of the great sire, Pietje 22d Woodcrest Lad.

5 **Daughters of Ormsby Jane Paul.**

These 5 cows are all half sisters to the Great White Heifer, Ormsby Jane Segis Aaggie. Butter, 7 days, 46.33 lb. and also half sisters to Ormsby Jane Piebe Segis. Butter, 7 days, 38.16. lb.

26 **Daughters of L. H. C. Pontiac Vedora**

and these are all granddaughters of King of the Pontiacs.

17 **Daughters of Korndyke Friend Hengerveld 2d**

whose dam's record for 365 days at 6 years is 735.55 lb.

7 **Daughters of Highland Butterboy Korndyke,**

whose dam, Snowball Witra produced in 7 days at 5½ years 33.35 lb.

12 **Daughters of Korndyke Gladi,**

whose dam made at 4½ years, 29.56 lb. butter.
Several other females out of A. R. O. dams with records as high as 33 lb. butter in 7 days.

HAEGER
KELLEY } Auctioneers
MACK

OAK GLEN FARMS

Bartlett, Ill.

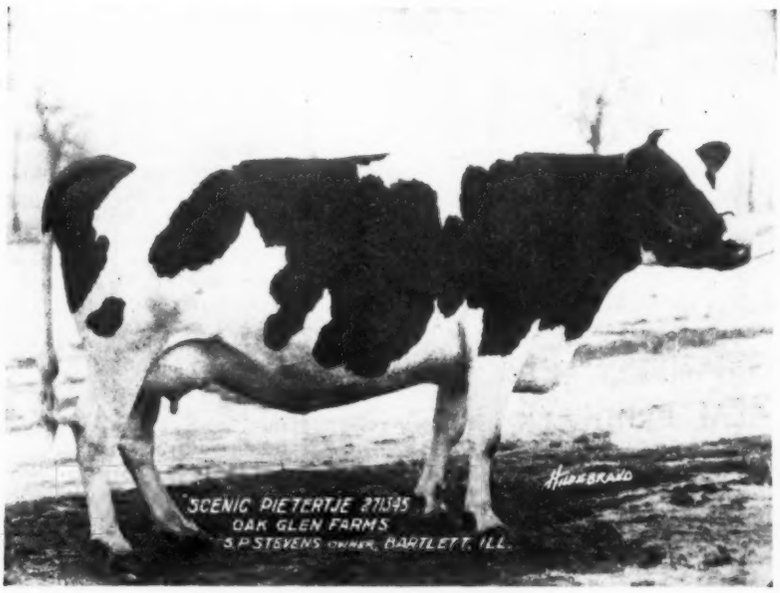
S T WOOD
In the box

TWO BIG DAYS SALE

The offerings of the Oak Glen Farms Herd at this sale are all under 5 years old with the exception of one or two head. This young herd has been inspected by prominent Holstein Breeders, Advertising and Field men and pronounced one of the best bred and best individual herds that has ever been offered at Public Auction

BARTLETT, Ill.

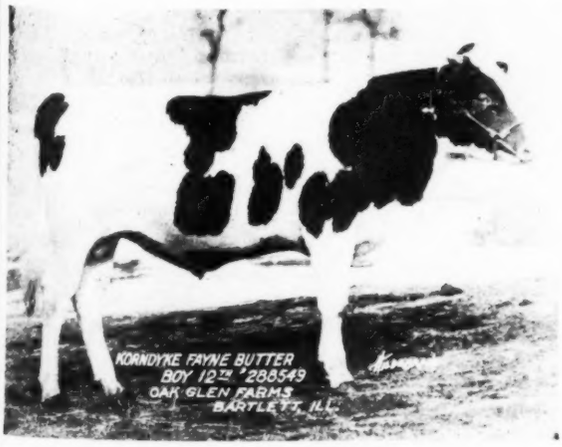
Can be reached by Elgin-Aurora Electric Lines to Elgin, every ½ hour from Chicago. Then by train to Bartlett, Ill.



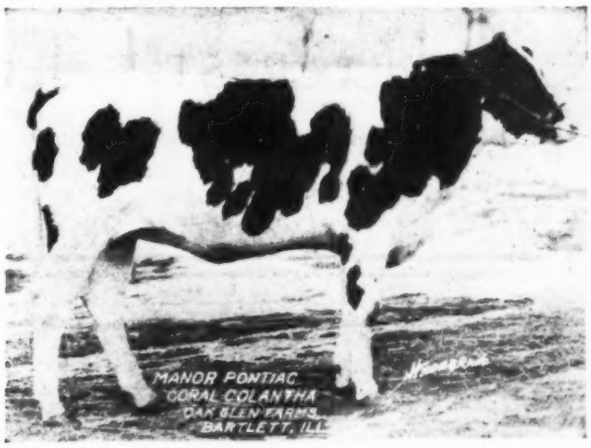
BARTLETT, Ill.

Can also be reached by C. M. & St. Paul trains out of the Union Depot, Chicago, Illinois.

SCENIC PIETERTJE, No. 271345
A wonderfully built show cow now on test and to be sold at sale



KORNDYKE FAYNE BUTTER BOY 12th
Just 1 yr. old, a beautiful animal. Dam's record 4 yrs., 31.11 milk, 618.11. To be sold at sale.



MANOR PONTIAC CORAL COLANTHA
An excellent individual granddaughter of King of the Pontiacs. To be sold at the Stevens Annual Sale.

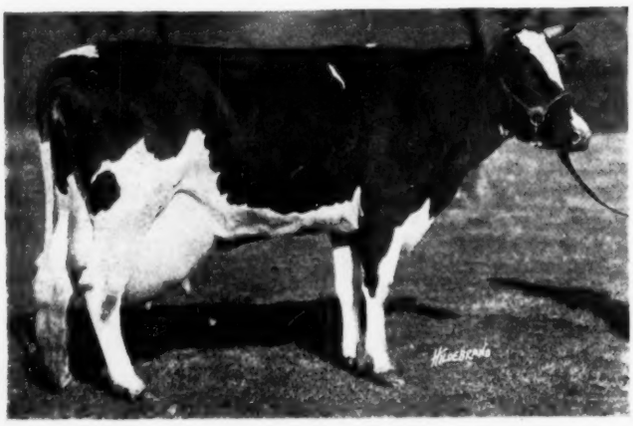
OAK GLEN FARMS

Bartlett, Ill.

FRED DELLES
Herd Mgr.

Here She Is, Folks

The Cow We Have Been Talking About



GRAMPS TWISK

Butter 34.4 **Milk 611.0**

NOT A STATE CHAMPION AFTER ALL BUT A REAL PRODUCER

A record of 34 lbs. is not to be treated lightly these days, even if it is not a state record, when we had expected one. **She would have done it at that for she was running at a 39-lb. rate when she was taken** with pneumonia and we were mighty lucky not to lose her. Needless to say, we were disappointed not only because we had expected to make a state record on her, but also because we had planned on running her for a year in true Ohio style. We know she has the goods and will prove it next year.

WRITE US ABOUT A BULL
FROM ONE OF OUR GREAT PRODUCING COWS

HILLCREST FARM

W. G. SIMON, Owner
A. C. ROBBINS, Herdsman

Box 740
Youngstown
Ohio

(Continued from page 122.)

Kol, A. R. O. butter, 7 days 36.44 lbs. and in a year, 991 lbs. butter from 22063 lbs. milk.

Testing is going along fine this week. Will have something definite to report in a few days, but for the past 7 days one junior 2-year-old made 19.5 lbs. and has a good chance for over 20 lbs. Another at 26-mos.-old made 18.3 lbs. and milked as high as 80.5 lbs. milk in a day, while a third heifer at 25-months-old has crossed the 16 lb. mark and is still gaining.

Northfield, Minn. A. J. Lashbrook

Farmer's Viewpoint of the Milk Situation in New York

(Continued from page 22)

Was is only for self gain, as the fair sex had recently been given the right to vote, or did he have the real interest of the farmer at heart? The writer would gladly entertain our honored Governor, his staff, or any committee from the city or state, and show them the conditions that exist on farms today. Strange to say, I feel that they already know, for most of our big politicians have come from the farms originally. They were glad to seek shorter hours and bigger pay. Yet some are content to sit in the Legislature and legislate laws that oppress and discourage the faithful tiller of the soil who has "kept the home fires burning" all these years. In general, would it not be better to allow the farmer to be as he always has been—a good, loyal citizen, true to his flag and country, making a legitimate profit for milk and his produce and running his own business? No one can feel the railroads have shown wonderful results since they have been run by those who have not studied conditions for years. The farmer, after all, is like all the manufacturers of this country. He must figure cost of material, overhead expenses, and has always before him the great labor problem to solve.

In conclusion, would say every man and woman on the farm is going to fight for their rights, particularly the mothers, many of whom gave their sons to fight for this country. I should suggest that our State Legislature endeavor to establish a lasting peace, look after some of the big moral issues of the day, help the world-wide movement which the churches are undertaking, and I think the milk business will take care of itself.

A NEW LOCATION

We are transferring all our interests from Iowa to Colorado, our new location, Hilton Station on the main line of the Sante Fe R. R. House only 60 rods from the R. R. We hope here to build up a better herd than ever. We will have about 100 females for a foundation, (daughters of Korndyke Queen De Kol's Prince, Alcartra Polkadot Corrector, King Mead De Kol, Aaggie Cornucopia Johanna Lad 7th and other good sires) with plenty of room to grow. At present a few young bulls to sell and solicit orders for the coming crop of bull calves by Aaggie Cornucopia Johanna Lad 7th, Leda Fobes Korndyke Prince and Hengerveld Maplecrest Parthenea.

Address all letters to

McKay Bros. **Caddoa, Col.**

SCHMITT & SCHAFER'S 2d ANNUAL SALE

INDIANA'S GREATEST SALE

Thursday, March 25, 1920

At 10 A. M.

LOOK AT THIS BREEDING

75 of Indiana's Best Holstein Friesians

2 daughters of the famous Century sire, King Segis Pontiac, 44444, who has six 30-lb. daughters and whose dam was the first 37-lb. cow.

A daughter of a 30-lb. cow and her heifer calf by SIR ORMSBY SKYLARK, who sired the world's yearly butter producer, Duchess Skylark Ormsby. Just think a little sister to the greatest of all dairy cows.

2 daughters of PAUL CALAMO KORNDYKE, three times Grand Champion at the National Dairy Show—greatest show bull that ever lived

PRODUCTION PLUS A. R. O. RECORDS

SOME HIGH CLASS BULLS WILL BE OFFERED

The foundation qualities

of the sale.

INDIVIDUALITY PLUS NATIONAL DAIRY SHOW WINNERS

A SIXTY DAY GUARANTEE AGAINST REACTION FROM TUBERCULOSIS WITH ALL ANIMALS OVER SIX MONTHS OF AGE.

A FEW CONSIGNMENTS from some of the best herds in Southern Indiana have been accepted.

LOCATION—Evansville, Indiana, is in the southern part of Indiana and in one of the most progressive dairy districts of the Central West. It has direct connections with Chicago, St. Louis and Nashville, Tenn.

DON'T YOU MISS THIS SALE

Auctioneer
Col. D. L. Perry, Columbus, O.

Pedigree Expert
R. Austin Backus
Mexico, N. Y.

Write for catalog
SCHMITT & SCHAFER, Owners
Evansville, Indiana

This Is Y

ASSUMING

THEN

Everything Points to One of the

ADVANCE "dope" on some of the consignments in line for this big event prompts us to bring before you through this two-page advertisement, the importance of this SEVENTEENTH CONSIGNMENT SALE.

Many breeders from the very first realized the value of such a sale at that time of the year and the backing they have given their judgment convinces us this will one of the "real sales."

LIVERPOOL SALE & PEDIGREE CO.

SEVENTEENTH CONSIGN

Your Chance!

You have good cattle to sell
That you want a proven market
That you desire to sell at the most opportune time

Tell us about them—
We can provide the market
We have chosen the proper time

Banner Sales of the Year

Consignors have awakened to the importance of GOOD CATTLE. When you see the "line up" for this sale you too will understand that they have.

Before we close—Disappointment comes to the one who waits—With only about five weeks to the sale you will sense how rapidly space is filling. There's still room for a few more real "tops." A great sale, in a proven market, at the right time.

Liverpool, N. Y.

MENT SALE Syracuse, N. Y.
April 27 - 28—

The Sale for You

KING SEGIS PONTIAC

That's the Daddy of the

Greatest Sire of Producers of the Breed

King Segis Pontiac died last spring but we have a few nice sons of his that are ready for service and just remember that when this crop is sold

THERE WILL BE NO MORE

As a sire and grandsire of individuality and production where can you find his equal. Is there any?

Hitch up With the Steady Kind

that you will like better this week as last and still better next week.

Write us what you are looking for.

R. E. HAEGER **Algonquin, Ill.**

EXCEPTIONAL
Bull Bargain

Born October 26, 1919

His dam is by Sir Korndyke Veeman Hengerveld, a bull that had three daughters make from 31 to 34.53 lbs. this fall inside of three weeks. She has 26.39 butter, 547.8 milk as a junior 3-year-old. This fall she freshened within 10 months of last freshening and made 27.34 butter 680.8 lbs. milk. Best day 100.2 lbs. milk.

His sire is by King Segis Champion from a 33.19-lb. dam. His dam and sire's dam average 30.26 butter 625.8 milk.

He is a large, well grown calf, dark in color. First check for $350.00 gets him delivered to your station anywhere east of Mississippi.

F. S. Jenkins & Son

R 5 **Lansing, Mich.**

AN ACCREDITED HERD

Complete Dispersal
MAPLEREST FARM HERD

AT

Lancing, Michigan

THURSDAY, APRIL 1st, 1920

Thirty Head

Twenty-eight Females—The oldest one is seven years old. There isn't a three-quarter cow in the lot. There are 5 4-yr.-olds, 2 3-yr.-olds, 9 2-yr.-olds, 4 yearlings and 5 heifer calves.

Records—From 14-lb. junior 2-yr.-olds to 24.8 at 6 yrs. including a 21-lb. junior 3-year-old granddaughter of Pontiac Korndyke and two daughters, a 24.8 cow and two daughters by 31-lb. sire, a 22-lb. cow, a 19.4-lb. cow and several daughters of good record dams.

Bulls—A 31-lb. son of Maplecrest Korndyke Hengerveld Pres. Aitken's senior sire, has been used the past three years. The junior sire is by a 30-lb. son of King of the Pontiacs from a 29.8-lb. granddaughter of Pontiac Butter Boy. The dam will go on test again before the sale. This bull is in the sale.

The herd is under federal supervision and has passed the first test with no reactors.

The cattle will be sold with a 60-day guarantee and retest privilege.

Michigan Holstein-Friesian Breeders Association

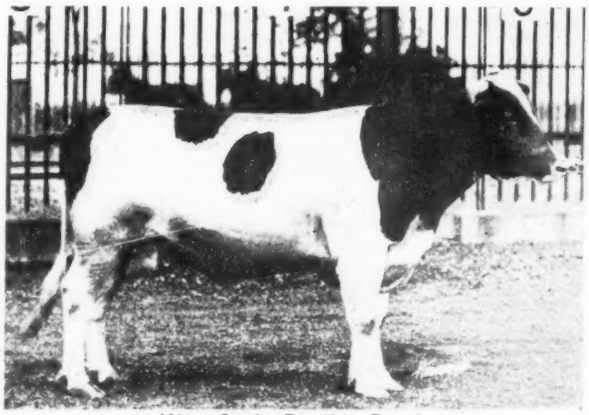
Sale Manager

DWIGHT G. RAPP, Owner
Lansing, Mich.

For catalog address
ALBERT E. JENKINS, Secy.
Eagle, Mich.

RIVERSIDE HERD HOLSTEINS

The Show Ring Wonders



King Segis Pontiac Pearl

Sire—King Segis Pontiac.

Dam—Pearl Netherland Korndyke. Butter 37.52 lb. Milk 753 lb. and a daughter of Pontiac Korndyke. He is not alone a great bred high record bull but a prize winner as well. He and some of his daughters in the sale. If you are looking for a real herd sire better get your eye on this fellow.

AT AUCTION

April 22-23 1920

Haeger's Fifteenth Annual Sale

Nearly our entire herd goes in this sale along with consignments from other good herds.

Many members of our **World's Champion Show Herd** their offspring and the individual quality of these animals alone is worth going miles to see. Some of them would perhaps improve the looks of your own herd.

Better stop and do some thinking right now.

The Sons and Daughters of

King Segis Pontiac

That will be in this sale are another attraction and your last chance to buy the get of this famous sire. They have made good for our past customers and these are some of the very best we ever had.

There are so many top notchers in this sale that about April first we will have a circular ready to mail telling you all about them. Send in your address.

R. E. HAEGER **Algonquin, Ill.**

Public Sale

60 Head of cows, heifers and calves. Those of milking age are large, heavy producing cows and approximately 50 per cent of the offering will be fresh at the time of sale. A splendid opportunity to get summer milkers.

MAYHEW FARMS

Marcy, N. Y.

THURSDAY, APRIL 1st

Sale will be held at Mayhew Farms, Cary's Corners, five miles north of Utica, at the intersection of two state roads. Farm one-half mile from Whitesboro and trolleys from 10 o'clock to noon on day of sale will be met at Whitesboro.

10 Granddaughters of
King of the Pontiacs

These are due to freshen in March, April and May. Do not forget that in purchasing them, you are buying granddaughters of the only double Century sire and a bull with more 30-lb. daughters and more 40-lb. daughters than any other sire.

15 Granddaughters of
King Korndyke Sadie Vale

These heifers are sired by one of the good sons of King Korndyke Sadie Vale and are due to freshen in March, April and May. Nearly all of them are from dams with good records up to 28 lbs.

25 Fresh Cows

Big strong heavy producing animals, good individuals, just the kind to make you profit all summer long.

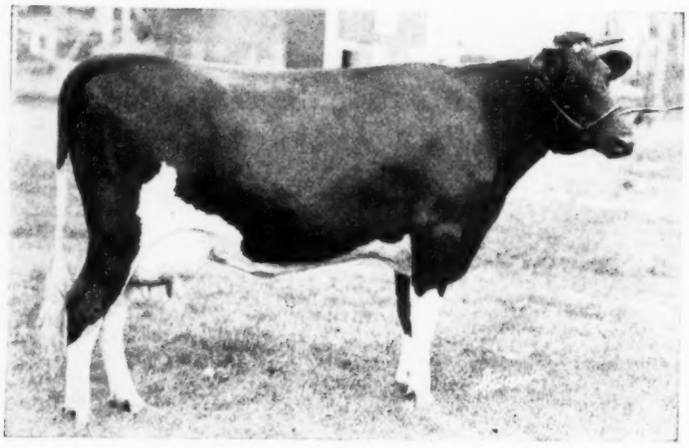
Auctioneers

B. V. Kelley, H. C. Williams

R. A. Backus

In the Box

The World's Record Holstein Yearling



BELLE HAZELTINE ORMSBY

Butter 365 days at 1y 10m	809.43
Milk	17,744.10

WHILE MAKING this world's record for a Holstein, Belle was on the show circuit for a month and was the sensation at the Dairy Cattle Congress and the National Dairy Show, winning the Grand Championship at Waterloo and winning first in her class at the National.

It is interesting to note that Belle, in taking the lead in her class, displaces her half sister and stable mate, Chloe Pietertje Ormsby, who produced in a year over 801 lbs. Both these heifers are sired by SIR PIETERTJE ORMSBY MERCEDES. Belle's dam was the first 1000-lb. three-year-old in Minnesota and is sired by a son of SIR PIETERTJE ORMSBY MERCEDES.

Belle is due in the spring to the service of MARATHON BESS BURKE. The resulting calf will carry five crosses of SIR PIETERTJE ORMSBY MERCEDES four times through his daughters and once through a granddaughter. Three of the daughters represented have made from 1164 to 1390 lbs. The fourth is Belle Hazeltine with 809 lbs. as a yearling.

THEO. H. SKREI

Glyndon Clay County Minnesota

A CAMPAIGN AGAINST ABORTION HAS ALREADY BEGUN

The Bureau of Animal Industry of the Department of Agriculture is at work in a determined effort to devise a method of treatment which will be effective in controlling this great scourge.

Are you doing your part?

You Must Help

It is impossible to reach all infected herds, nor are there sufficient funds available to provide individual attention. But it is the aim to suggest methods for combating the disease, and ways to protect your herd and your district. But you yourself must put these measures into effect.

Write to your State Experiment Station, not only to ask for aid, but to offer your assistance for a systematic campaign to control this disease.

"In Union There is Strength"

If you do not belong to some dairymen's or cattlemen's association, then join one, and see that your association gives proper attention to this serious matter. It is only by united action that such a widespread disease can be suppressed. Abortion is fast becoming the most destructive of all animal diseases. It hits animal husbandry at its very source. If the offspring are killed, and the bovine species can not reproduce its kind, we get neither beef nor milk. The necessity is plain for vigorous action to prevent such a calamity.

Do You Realize The Danger

Abortion is insidious. It creeps in like a thief in the night, and it is not always an easy thing to trace. New animals, whether male or female, purchased from an affected herd, or a cow served by a neighbor's bull which has become affected, or contact with diseased animals in other ways, may be the means of introducing the disease. Take warning, therefore, and protect your herd from this destructive disease.

Is your herd already affected? If so, you have some work ahead of you. But don't quit on that account. Abortion has been and can be controlled by thorough and intelligent treatment. It is not a lazy man's job, but by careful attention to details of sanitation and hygiene, and the control of breeding, the disease can be overcome.

Don't waste your energies on unprofitable animals. Send the boarders

Bucks Co. Holstein-Friesian Breeders Consignment and Dispersal Sale

at Doylestown, Pa. on

Wednesday, March 17, 1920 at 10 O'clock A. M.

At the Court Inn Sales Stables, formerly Monument House

50——HEAD REGISTERED HOLSTEIN CATTLE——50

The offering includes the dispersal of the Wilson M. Jones herd, Doylestown, Pa., and consignments from some of the best herds in our county. In this sale you will find daughters and granddaughters of such sires as King of the Pontiacs, King Valdessa, King Model, Pontiac Korndyke, King Fayne Segis, Lewis Prilly Rouble Hartog, Woodcrest Nig De Kol and other great sires. Special mention is made of King Daisy Segis he by Lord Pontiac and out of Daisy Segis De Kol, a 30-lb. cow. Also a son of a 27-lb. 3-year-old. A son of King Pontiac Superba and out of Octavia Korndyke, a 29-lb. cow which will also be sold. Also two grandsons of King Model one out of a 22-lb. senior 3-year-old and the other out of a 21.48-lb. cow. The sale includes cows with creditable records, sons and daughters out of cows with good records. This is an exceptional lot of cattle and it will pay you to take a day off and attend this sale. Sale rain or shine.

For catalog or other information write to

ISAAC S. GROSS, Secy., Plumsteadville, Pa., or WILSON M. JONES, Pres. & Sales Mgr. Doylestown, Pa.

Col. Geo. W. Baxter, Auctioneer.

to the butcher, then give your attention to the good cows. "An ounce of prevention is worth a pound of cure." Clean up the stables, put in windows and let the sun shine in, then give a liberal coating of whitewash so that you can see if there is any dirt. Drain the barnyard and make everything clean and sanitary.

Clean and Disinfect Stable, Etc.

Chemical disinfectants are used to good advantage in controlling disease and the following directions for their use are given:

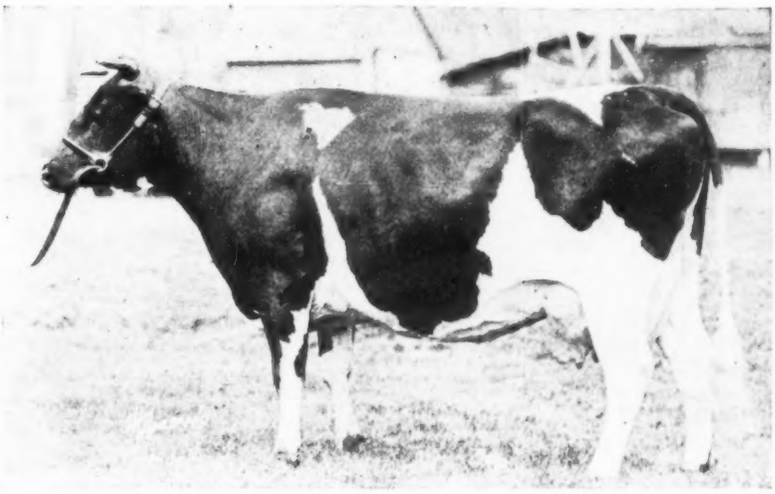
1. Sweep ceilings, side walls, stall partitions, floors, and other surfaces until free from cobwebs and dust.
2. Remove all accumulations of filth by scraping and if woodwork has become decayed, porous, or absorbent, it should be removed, burned, and replaced with new material.
3. If floor is of earth, remove 4 inches from the surface and in places where it shows staining with urine a sufficient depth should be removed to expose fresh earth. All earth removed should be replaced with earth from an uncontaminated source, or a new floor of concrete may be laid, which is very durable and easily cleaned.
4. The entire interior of the stable, especially the feeding troughs and drains, as well as milking stools and all other implements, should be saturated with a disinfectant, as cresol compound (U. S. P.), or carbolic acid, 6 ounces to every gallon of water in each case. After this has dried, the stalls, walls and ceilings may be covered with whitewash (lime wash), to each gallon of which should be added 4 ounces of chlorid of lime.
5. All refuse and material from stable and barnyard should be removed to a place not accessible to cattle or hogs. The manure should be spread on fields and turned under. In addition, the yards should be disinfected by sprinkling liberally with a solution of copper sulphate, 5 ounces to a gallon of water.

The best method of applying the disinfectant and the lime wash is by means of a strong spray pump, such as used by orchardists.

This method is efficient in disinfection against most of the contagious and infectious diseases of animals, and should be applied immediately following any outbreak, and, as a matter of precaution, it may be used once or twice yearly.

The Two Best Daughters of Sir P. O. M.

for 7-day milk production and we believe as individuals



The Dam of Our Bull

	Butter	Milk
7 days	31.09	700.8
30 days	126.78	2766.1

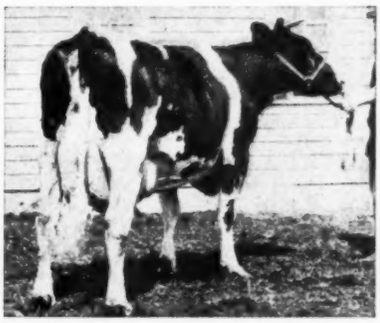
Now completing a 1100-lb. year record.

ARE THE TWO NEAREST DAMS

of the bull that now heads our herds.
MINITA KORNDYKE BESS ORMSBY
A splendid individual son of Miss Minita Ormsby Mercedes (see above), and by Sir Korndyke Bess, best son of Bess Pietertje Ormsby Mercedes (see below).
A pretty fair cross on our daughters of Sir P. O. M. 43d, don't you think?

J. J. REID & SON **MRS. M. E. GUNDERSON & SON**

Oconomowoc, Wis.



SPECIAL OFFERING

An 8-months-old son of a 29-lb. cow, sired by Sir Pietertje Ormsby Mercedes 43d—whose dam has a 34-lb. 7-day record and a 1250-lb. year record.

Dam of the Sire of Our Bull

Her records: At 5 years

	Butter	Milk
1 year	1235.32	29053.2
7 days	33.23	787.3
30 days	137.93	3119.3
At 3 years		
1 year	339.90	21245.0
7 days	33.15	759.0
30 days	130.89	3092.1

World's milk record when made.

TWO KORNDYKE BULLS—READY FOR SERVICE

Both well grown, beautifully marked, straight on the back—high class in every respect.

Dandina Koningen

Born January 6, 1919. Sired by Colonel Korndyke De Kol (a son of Pontiac Korndyke from a 25-lb. daughter of Junior De Kol). The first twelve daughters of Colonel Korndyke De Kol average over 25 lbs. butter and 4.3 per cent fat at an average age of 3½ years. 85 per cent of his total list have made over 20 lbs. in junior form.
The dam of the calf is Lady Dandina Koningen 2d, with 28.71 lbs. at 4 years, 25.71 lbs. at 3 years and with over 102 lbs. in 30 days. She is also by Colonel Korndyke De Kol from a granddaughter of King Walker (two 20,000-lb. 2-year-old daughters). This bull carries 37½ per cent of the blood of Pontiac Korndyke. Ready for service.

King Korndyke Mahone

Born December 2, 1918. This bull is also a son of Colonel Korndyke De Kol from Belle Korndyke Mahone, a senior 3-year-old with 23.85 lbs. butter and 503 lbs. milk in 7 days and 97.72 lbs. butter from 1937 lbs. milk in 30 days. She is also by Colonel Korndyke De Kol from an A. R. O. granddaughter of King Walker (two 20,000-lb. daughters).

H. C. Burgess **Lafontaine, Ind.**

FOR SALE

A Splendid Bull Calf by a Son and from a Three-Fourths Sister to this Great Heifer.

RUBY KAREN MERCEDES

Butter 7 days at 4y 1m 35.03
(Now making over 1000 lbs. for the year)
Butter 7 days at 2y 11m 29.68
Butter 365 days 873.77
Butter 7 days at 2y 0m 20.01

THIS BULL was born September 4th. He is an excellent individual, straight as a line and marked about one-third white. He carries a double cross of Sir Pietertje Ormsby Mercedes and a triple of Pietertje Maid Ormsby.

HIS SIRE:

KING ORMSBY KORNDYKE ORNETTA, is a son of Ruby Karen Mercedes, the great heifer pictured above. She is by Sir Pietertje Ormsby Mercedes 14th, the greatest show sire in service today, and from the 28-lb. cow, Johnston Lincoln Karen. His sire is a son of King Korndyke Colantha Ormsby, whose dam, Miss Korndyke Maid Ormsby, 1255 lbs. in a year, is a daughter of Pietertje Maid Ormsby, 35.56 lbs. He is by a son of Colantha 4th's Johanna, 35 lbs. in 7 days and 1247 lbs. for the year.

HIS DAM:

MISS KAREN ORMSBY MERCEDES, I consider the greatest heifer in my herd. She is perfect in type and indicates that she will develop into even a greater producer than Ruby Karen Mercedes, her three-fourths sister. Miss Karen made 16.78 in 7 days as a junior two and is now running on yearly test. She is sired by Sir Pietertje Ormsby Mercedes 22d, son of "Old Piet" and Riverview Fytje De Kol Ormsby, Minnesota's first 1000-lb. cow. Her dam, Johnston Lincoln Karen, has 28.09 lbs. in 7 days. She is by King Karen and from Soo Lincoln.

O. J. GROVER

Glyndon Clay County Minnesota

Protect Her Health

DON'T risk losing a valuable animal. A Pilling "Easy-to-Use" Cattle Case will equip you to relieve promptly milk fever, bloat and other cattle troubles. One animal saved will repay you many times. Prepare *now* for emergencies.

Pilling "Easy-to-Use" Cattle Case

Case No. 2 contains a complete milk fever outfit, syringes, cattle trocar for bloat, several special instruments for treating teat troubles and other helps for the stockman. Purchased separately, these would cost $18. Price, complete with case and "Easy-to-Use" directions, $12.50, delivered by parcel post. Order today. Send for booklet on Cattle Instruments—describes Milk Fever Air Treatment.

G. P. PILLING & SON CO.

Instrument Makers for More Than a Century

2300 F Arch Street Philadelphia, Pa.

Cattle Case No. 2

Treatment of Animals

The following is an outline of a method of treating the animals in an infected herd:

Disinfecting The Bull

To prevent the bull from carrying the infection from a diseased cow to a healthy one, first clip the tuft of long hair from the opening of the sheath, then disinfect the penis and sheath with a solution of one-half per cent of cresol compound, lysol, or 1 per cent carbolic acid (see note A), or 1 to 1,000 potassium permanganate in warm water. The only apparatus necessary is a soft rubber tube 5-8 inch in diameter and 5 feet long, with a large funnel attached to one end; or an ordinary fountain syringe and tube would serve the purpose. The tube should be inserted into the sheath and the foreskin held with the hand to prevent the immediate escape of the fluid. Elevate the funnel as high as possible, and pour in the fluid until the preputial sac is filled. In addition to this, the hair of the belly and inner sides of the thighs should be sponged with an antiseptic of twice the strength of the irrigating solution. This disinfection should invariably precede and follow every service.

Treatment of the Cow.

Isolate the aborting cow. The germs of the disease are contained in the discharge, and in the dead fetus and its membranes. Gather these up and bury or burn them and disinfect the stall thoroughly. Don't neglect this cow. By thorough treatment you can restore her to usefulness and prevent sterility.

More than half the cows abort but once, so don't sell your cow because she aborts.

The uterus should be irrigated daily with one of the antiseptics mentioned for the bull, using the same apparatus, and irrigation should be continued until discharge ceases. If large numbers of animals are to be treated, a bucket can be fitted with a small faucet to which the tube is attached. This can be suspended from the ceiling, or from the rail of the litter carrier. Lugol's solution, in a strength of 2 per cent (see note B) has been found to be desirable as a uterine douche. It is not permitted to remain in the uterus, but is flushed out with salt solution. (See note C.)

The action of the antiseptic should be noted, and if it causes straining or irritates the tender membranes of the genital organs, a less irritating solution should be used. In addition, the external genitals, root of tail, escutcheon, etc., should be sponged daily with a solution twice as strong as that used for irrigation, and this latter treatment should be given the nonaborters as well. Should the preliminary symptoms of abortion be detected, the animal should be removed from the herd and treated as above.

Notes.

Note A.—Two tablespoonfuls of fluid equal 1 ounce, therefore, this amount of antiseptic added to 6 pints of boiled water will make approximately a 1 per cent solution.

Note B.—Lugol's solution of iodin is compounded as follows: Iodin 5 parts, potassium iodid 10 parts, and boiled water to make 100 parts. Two parts

of this compound in 100 parts of boiled water make a solution suitable for uterine irrigation. Lugol's solution can be purchased from your druggist.

Note C.—A 1 per cent solution of common salt in boiled water at body temperature makes a suitable irrigating fluid. A heaping tablespoonful of dry salt weighs approximately 1 ounce, and this amount in 1 gallon of boiled water gives the proper strength.

Retention of Afterbirth.

The retention of the afterbirth is a serious matter. It should not be forcibly removed, as the lining membranes of the uterus would be torn and a point of entry thus provided for the germs which cause blood poisoning. The uterus is very susceptible to this form of infection at such times, and injury should be carefully avoided. Clumsy and forceful manipulation of the parts may cause infection and death of the animal. The best practice is to flush the uterus twice daily with a mild antiseptic to prevent the accumulation and absorption of poisonous product and allow the membranes to come away of themselves. In all these manipulations, hands and utensils should first be thoroughly disinfected. In fact so much special knowledge and operative skill is required that a competent veterinarian should be employed to instruct the owner before these operations are undertaken.

After abortion, breeding should not again be attempted within two months, or until the discharge shall have ceased, as the uterus would not be normal and the animal either would not conceive or would abort again in a short time.

Sterility, weakling calves, retained afterbirth, white scours, and calf pneumonia frequently accompany abortion. The measures recommended will also assist in overcoming these complications.

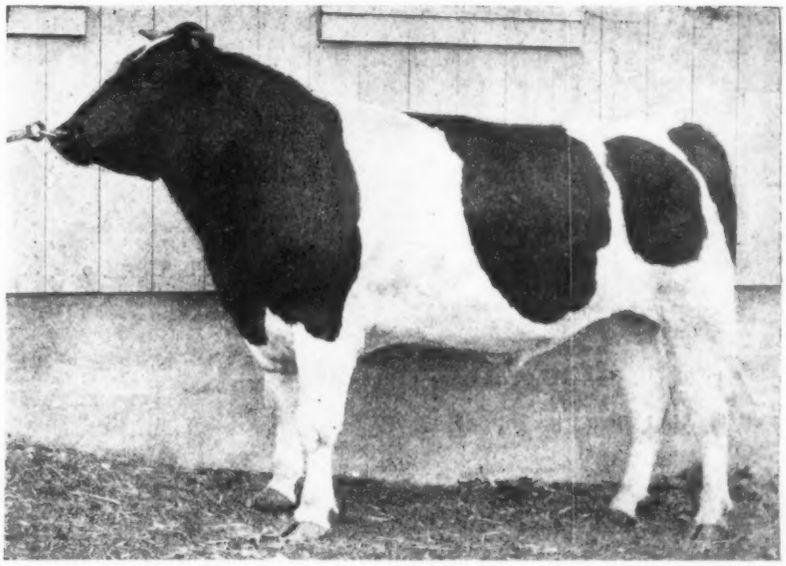
It should be understood that no effective cure for the disease has yet been found. Do not depend on drugs and proprietary remedies.

Let us repeat. Give this matter your earnest attention. Join your neighbors, your state, and the country in fighting this plague and we will soon have it under control.

Write the Department of Agriculture for Farmers' Bulletin, which gives details of the disease and its prevention and treatment.

U. S. Dept. of Agriculture.

From the Largest Record Daughter of Count



SIR ORMSBY BEAUTY PONTIAC SEGIS

HIS DAM'S RECORDS

At 3 years—	
Butter	37.16
Milk	713.50
Butter 365 days	1112.91
Milk	24924.70
At 2 years—	
Butter	28.56
Milk	513.30

She has broken 20 world's records.
An Ormsby on his sire's side.

PINEHURST FARMS CO.

K. L. JUVE, Mgr. Sheboygan Falls, Wis.

A Yearly Record Herd

Headed by

KING SEGIS PONTIAC COUNT 2d

His Three Nearest Dams Average

Butter	1067.57
Milk	21,911.70

King Segis Pontiac Count 2d, as his name indicates, is a son of King Segis Pontiac Count, from Johanna Paul Parthenea, with a record of 951.2 lbs. butter from 18433.9 lbs. milk. Her dam, is the famous Caroline Paul Parthenea, with a record of 1208.18 lbs. butter from 25072 lbs. milk. The first daughters of King Segis Pontiac Count 2d are now coming into milk and they give promise of being some of the best producers we have had.

This herd has bred and developed such cows as Caroline Paul Parthenea with 1208 lbs. butter from 25072 lbs. milk in a year; Johanna Piebe White with 1146.1 lbs. butter from 26497.6 lbs. milk in a year; Piebe Pontiac De Kol 2d with 1115.9 lbs. butter from 23714 lbs. milk and a large number of others with proportionately large records. It is from cows with such records that we offer sons by King Segis Pontiac Count 2d. These calves have from three to five dams in their pedigrees with records above [illegible] lbs. in a year.

R. J. SCHAEFER, Appleton, Wis.

WANDAGA

TWO 30-lb. BULLS

At Prices You Can Afford To Pay

No. 1

Born January 26, 1919, an exceptionally good individual, ready for service, sired by Wandaga (his dam 42 lbs.) from a real show cow. Just the bull for you.

No. 2

Born December 27, 1919, a beautiful light colored calf, sired by a son of Otego Valley Christmas Belle (40 lbs.) from a 30-lb. dam. The price on this fellow will surprise you.

Send today for pedigree and complete information on these youngsters. Some one is going to own them right quick.

WANDAGA HERD

WARD W. STEVENS Liverpool, N. Y.

NEW JERSEY PLANNING ON GREAT HOLSTEIN SALE

The Holstein sale to be held at the farm of the New Jersey Agricultural College, at New Brunswick under the auspices of the Somerset-Hunterdon County Holstein-Friesian Breeders' Association, March 19, is expected to be the greatest Holstein sale ever held in the state. Finderne Stock Farms at Finderne, N. J., where more large records in both short and long-time test have been made than in almost any other herd in the world, are consigning a number of good ones, including a 30-lb. cow with a 3-year-old record of 708 lb. butter from 18291 lb. milk in a year. Her son is also consigned, as well as two sons of King Pontiac Beets Alcartra, from 30-lb. dams. Several others with records ranging from 22 lb. as 2-year-olds, up to 27 and 28 lb. as 4-year-olds, and aged cows, are also being consigned by Finderne Farms, the number including granddaughters of such great sires as King of the Pontiacs and King Valdessa, the latter the most famous son of the first 40-lb. cow. Bloomingdale Farm at Somerville, the first great herd to be established in the state, is also putting in a representative consignment. As is well known, this herd is headed by King Model who is making quite a reputation with his first daughters to freshen. He is a son of the first 40-lb. heifer. Other consignors are: Forsgate Farm, Jacob D. Quick, George D. Wilson, Willis E. Stryker, C. Drysdale Black, Sidney I. DeHart, George G. Brokaw, Thomas H. Mettler and Nevius Bros.

HOLSTEINS ENLIST IN THE ARMY

Ten Holstein cows have been purchased for the Army Agricultural School conducted by the Seventh Division at Camp Funston, Kansas, according to a recent report. The school of animal industry at Camp Funston, teaches breeding, feeding, care, management and marketing of all classes of food producing animals. Besides the Holsteins, over 300 white leghorn chickens and five different breeds of hogs have enlisted. Two civilian instructors have been engaged to teach agriculture.

Success has turned many a man's head.....It's a long head that has no turning.

SONS OF PRINCE KORNDYKE PONTIAC

FROM THE FOLLOWING DAMS

From a 17-lb. jr. 2-year-old daughter of a 31-lb. cow, price $150. From a 26.65-lb. jr. two-year daughter of Gordon Glen Pontiac, price $250. A son of a 15.50 jr. two-year-old daughter of a 20-lb. cow sired by a son 36-lb. bull from a 25.65 jr. two-year-old. Price $100. About ten heifer calves also a few cows that will freshen in the winter.

HUGH J. DAVIS Broadalbin, N. Y.

Lilith Pontiac Canary

Leased by

H. H. Wickwire & Son

Hubbardsville, N. Y.

ELECTED after a most extensive search as the most desirable representative of perfect individuality, combined with approved breeding.

This young bull is a little over one year old and the making of a great sire.

Owned by

W. H. LANGWORTHY

East Hamilton New York

WALCOWIS FARMS

Home of

IOWANA SIR OLLIE

Five times First, Senior and Grand Champion at the Leading State Fairs and Dairy Greatest Prize Winning Sire Shows of 1919. Proven the in Service.

One of his daughters as a jr. 2-yr.-old made over 1000 lbs. in a year and the youngsters coming on look just as promising. He is a son of the only cow of the breed that has ever produced two National Dairy Show Grand Champions.

Some Beautiful Individual Sons For Sale.

N. Dickinson & Son Lake Geneva Wisconsin

CARNATION CHAMPION

Now almost 2 years old

A Bull with an all 40-lb. Pedigree

HIS DAM

The first 42-lb. cow to have a 42-lb. daughter.

HIS SIRE'S DAM

One of the first 40-lb. Cows.

HIS SISTER

The only 42-lb. 2-year-old.

Both his sire and dam are animals of proven prepctency.

Langhurst & Voepel Farms

Sebewaing Michigan

A Federal Accredited Herd For Sale

Ten cows in milk.

Seventeen yet to freshen.

One herd bull.

Females consist of granddaughters of Betta Lyons Netherland (34 lbs.), Bloomingdale Hengerveld Palmyra (30 lbs.), King Segis, Rag Apple Korndyke 8th, King Pontiac Konigen, etc.

Some of these cows have good A. R. O. records and are from officially tested dams.

They are the result of fifteen years breeding and culling and must be seen to be appreciated. They are all heavy milkers, typey and will make good records if given an opportunity.

But one cow in the herd is over 8 years old, most of them being from two to five years. Not an unsound animal in the whole lot.

Herd is on federal accredited list. Do not write but come and see them at once. They are offered on account of sickness and lack of satisfactory help.

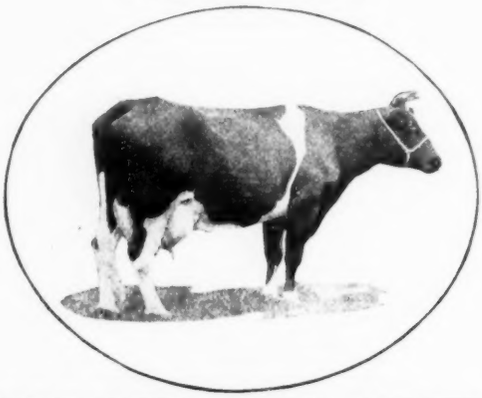
R. W. DENNIS

Jasper N. Y.

At the Head of the Herd

Marathon Ormsby

From this Noted Long Time Producing Cow



QUEEN PIEBE ORMSBY MERCEDES

Age	365 days milk	365 days butter
2 years, 2 months	14844.5	715.51
3 years, 4 months	20286.6	952.08
4 years, 11 months	24123.1	1136.01
5 years, 2 months	24489.1	1127.36

IN FOUR YEARS SHE HAS PRODUCED PRACTICALLY TWO TONS OF BUTTER AND OVER FORTY TONS OF MILK

Defeating Tilly Alcartra for butter in the same period.

The three near dams of Marathon Ormsby are three of the finest individual and highest year record daughters of Sir Pietertje Ormsby Mercedes.

Let us tell you about a good son of Marathon Ormsby.

M. C. Kronemann A State and Federal Accredited Herd. **Fergus Falls, Minn.**

THE HOLSTEIN COW DID IT

An interesting object lesson in the results that may be expected from sound management and constructive efforts with Holsteins is furnished by the experience of E. T. Miller of Northfield, Minn. After a disastrous start at grain farming on account of the chinch bugs and further discouragements in raising beef cattle, Mr. Miller, in 1893, started to go into the business of dairying on his farm of 80 acres, purchasing some grade Holsteins as a starter. In 1896 he purchased his first pure bred sire, and after seeing the improvements that resulted from grading up, he gradually worked into pure bred females until, by 1900, the herd was composed entirely of pure breds. Being a practical dairyman, Mr. Miller was insistent that the cows in his herd should be profitable producers and he had high ideals as to type and conformation, with the result that in addition to building up one of the first herds in the state of Minnesota, he also kept a class of cattle that has been responsible for the success of many other herds in that and adjoining states through the quality of foundation animals secured. As time went on, Mr. Miller's son, Herbert, who grew up with the Holsteins, took an active interest with his father in the business of breeding pure bred cattle. The original 80 acres has now grown under the management of father and son, into 320 acres now valued at $300 an acre, while the grade herd has changed over into 85 head of pure breds valued at $75,000. Official testing has been done in the herd since 1910, while semi-official long-time work was started in 1911. During the coming spring they expect to place on test heifers representing the fourth generation of semi-official long-time testing work. A number of records above 30 lbs. in 7 days have been made, the highest being over 33 lbs. The herd sire Sir Johanna Glen Ormsby is an outstanding son of the 1300 lb. 4-year-old, Glen Canary De Kol 2d, while his two nearest dams average 1297 lbs. butter, and 27722 lbs. milk in a year at the age of four years. That this bull is proving a success as a sire is shown by the fact that at the Minnesota State Fair last fall his get won first prize in the Minnesota class. Among the famous foundation animals in this herd may

OUR HERD BULL

KING KORNDYKE DAISY HENGERVELD

a son of King Korndyke Sadie Vale from a 30-pound daughter of Sir Veeman Hengerveld. What better breeding could you ask for? We are just "tickled pink" with his calves, as they are as fine a bunch as you can see anywhere. We have a few of his sons for sale, and will have more this fall and winter. Our prices are reasonable and our guarantee stands back of any animal we sell. We are breeders, not dealers.

Flock Brewing Company, Williamsport, Pa.

Announcing

THE NEW CHAMPION MILK COW

OF

CONNECTICUT AND NEW ENGLAND

DODGE FARM
BERNICE, 124037

1 day, 119.2 lbs. (former state record 113.1 lbs.)
7 days 796.1 lbs. (former state record 736.4 lbs.)
(former New England record 730.4 lbs.)
Now on semi-official test: with records of 3242 lbs. for 30 days.

Earlier Records:
305d (1917) 19510.8 milk, 792.67 butter.
305d (1918) 1652.1 milk, 644.565 butter (carrying calf five months).

Dodge Farm Bernice heads—
The leading long-distance 3-generation family in Connecticut. All line bred to

MAPLECREST FARSEDO BUTTER BOY 216667

"The Best Dairy Bull in New England"

WHEATFIELD FARMS

Bull Calves For Sale

A beautifully marked and wonderful individual, 7-8 white, must be seen to be appreciated, born March 17, 1919, and ready for light service.

His sire, Cornucopia Korndyke Pontiac, has already a fine list of A. R. O. daughters, five of which have records from 31.66 to 37.05 lbs. butter 7 days as 3 and 4-year-olds. A son of Pontiac Korndyke and Ada Cornucopia Posch with a record of 33.20 lbs. butter from 592.90 lbs. milk in 7 days; 136.21 lbs. butter and 2525.60 lbs. milk 30 days.

His dam, Nada Veeman, has an official record of 30.17 lbs. butter from 567.7 lbs. milk and is from a good record granddaughter of Sir Veeman Hengerveld sire of 102 tested daughters 17 over 30 lbs.

Dam is individually great and a long time producer and we will price her so worth the money.

Wheatfield Farms La Salle, N. Y.

J. C. DOLD, Owner F. M. NICHOLS, Herd Mgr.

FELLOW BREEDERS

Those of you that read the Comparison of Sires by William A. Prescott in the January 10th issue, note that Hengerveld De Kol is the only sire to win $400 two different years He stands a close third for money-winning sires and his grandson is first by a good margin.

Superba Palmyra Rag Apple

is a grandson of Hengerveld De Kol from his best individual daughter, Bloomingdale Hengerveld Palmyra. She made at 3½ years of age 27.43 lbs. butter from 648.7 lbs. milk and at 8 years made 30.40 lbs. butter from 593 lbs. milk. She is the dam of Superba Palmyra, world's record three-year-old. Nearly all of the calves born at Home-Craft this season will carry two crosses of Hengerveld De Kol and in some cases three crosses. Get your order in for a bull calf of this breeding.

Superba Palmyra Rag Apple

is in service at

HOME-CRAFT FARM

A. C. Fergerson, Prop. C. S. Ellis, Mgr.

NORTH SYRACUSE, N. Y. CLAY, N. Y.

Farm located at CICERO, N. Y.

Sir Winana Beets Segis

WE HAVE CROSSED THEM BACK AND FORTH

Dutchland Creamelle Colantha Lad

We Can Offer some very promising young bulls by Sir Winana Beets Segis and from good record daughters of Dutchland Creamelle Colantha Lad; also sons of the latter from good record daughters of the former.

Sir Winana is one of the best proven sons of King Segis, his list including some great milk and butter producers.

The Colantha Bull has several daughters with junior two-year-old records above 22 lbs. His six nearest dams average almost 700 lbs. milk in a week.

Individually the bulls we have to offer are as good or even better than their breeding.

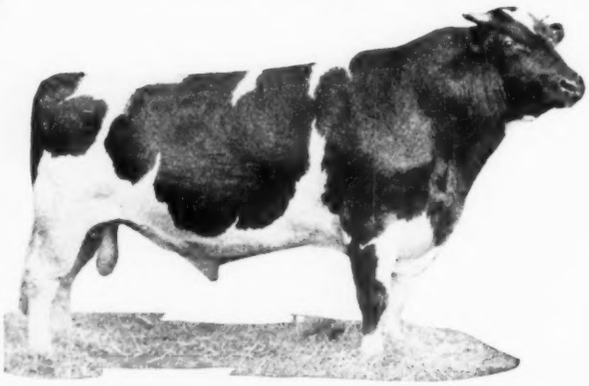
Ask Us About Them.

GRAHAMHOLM FARM

ROCHESTER MINNESOTA

Sir Pietertje Ormsby Mercedes 14th

A Grand Champion Winner



Sire of A 35-lb. State Champion 4-yr-old

¶ Proven the best prize winning son of his noted sire.

¶ The only bull to have defeated for first honors the first prize senior and grand champion bull at the 1919 National Dairy Show.

¶ His best daughter has produced over 35 lbs. butter in 7 days as a senior 4-year-old and holds the Minnesota state Championship in her class.

¶ His only two tested daughters, both as 2-year-olds, averaged to produce over 830 lbs. butter from 18,000 lbs. milk in a year.

¶ A striking example of show ring quality combined with proven transmitting ability.

¶ A few approved cows will be accepted for service to this remarkable sire.

¶ Any of the owners will be glad to give you any information you desire.

MANKATO HOLSTEIN FARM
Mankato, Minnesota

RENSINK BROS.
Boyden, Iowa

CORWIN FARMS
Rock Valley, Ia.

be mentioned Spring Brook Bess Burke, who is popularly known as "the greatest mother of the breed."

FLORIDA HERD CLEANS UP AT FAIR

Editor World:

We thought it might interest you to know of our winnings at Florida State Fair at Jacksonville, Fla.

Aged Bull—1st, $20.

Bull Senior Yearling—1st, $10.

Bull Junior Calf—1st, $10.

Aged Cow—1st and 2nd, $20 and $15.

Cow 2 years, under 3—1st and 2nd, $20 and $15.

Heifer Senior Yearling—1st, $20.

Heifer Junior Yearling—1st, $10.

Heifer Senior Calf—1st and 2d, $10 and $8.

Junior Calf—1st, 2nd and 3rd, $10, $8 and $4.

Senior & Junior Bull—1st in each. $10, $10 Champion.

Senior & Junior Cow—$10, $10 Champion.

First Aged Herd, Young Herd and Calf Herd—$20, $20, $20.

First Get of Sire and Produce of Cow,—$10, $10.

First in three classes of Florida specials:

Best Pure Bred Cow with calf by side bred and owned by exhibitor—$15.00.

Best Senior Yearling Bull bred and owned by exhibitor—$15.00.

Best Pure Bred Young Herd bred and owned by exhibitor—$15.00.

We think we did pretty well. We sold our young bull that took Grand Champion to Dr. Robert Peyton of DeLand, Fla., together with two very desirable young cows to start a foundation for a herd in that section. It may also interest you to know that we, through an ad in your valuable paper purchased a Junior Herd Sire, a son of Iowana Sir Ollie, Mr. Dickinson's famous 1919 Show Bull.

The dam of our calf has 365 day record 715 butter, 15000.29 lbs. milk, as junior 3-year-old. She is by 31 lb. son of Sir Korndyke Manor De Kol and out of 23 lb. dam. So we feel like we have a pretty good bull to use on our daughters of King Beauty Vale Veeman, our senior herd sire, a grandson of King Korndyke Sadie Vale, who is siring some mighty fine calves.

We remain yours in the interest of the Holstein, the greatest breed on earth. J. C. DeBevoise & Son.

Jacksonville, Fla.

CLUNY STOCK FARM · Quality Production Health · HOLSTEINS

Herd Headed by Maplecrest Application Pontiac No. 132652

His Sire—FRIEND HENGERVELD DE KOL BUTTER BOY.

His Dam—The best daughter of PONTIAC AAGGIE KORNDYKE: Maplecrest Pontiac Application 141158, 7 da. butter 35.103 lbs.; 365 da. butter 1344.3 lbs. He is the product of one of the greatest "nicks" in breeding ever known. His first ELEVEN tested daughters (all but one with first calf) average over 18 lbs. butter and over 375 lbs. milk each in 7 days. Consistent testing of all individuals for 7 and 30-day periods, and semi-official testing for as many as possible, adds to the future value of animals bought from this herd.

Write us for prices on young bulls.

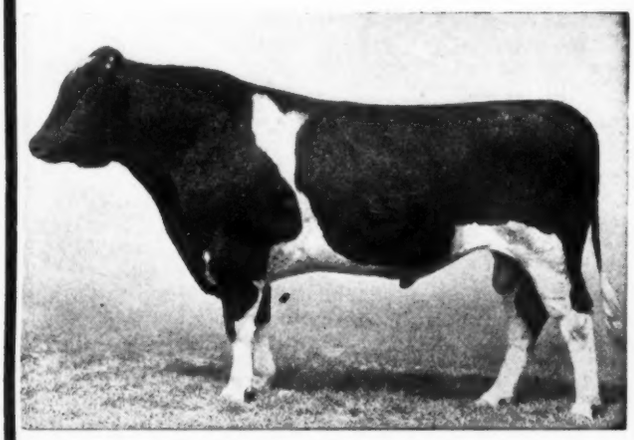
R. BRUCE McPHERSON **Howell, Mich.**

FINDERNE FARMS

Headed By

KING VALDESSA

A Son of the First 40-lb. Cow
By a Son of the First 44-lb. Cow



All of these great cows made their records in this herd. Many of them and a number of their descendents are still in the herd.

Valdessa Scott 2d	41.86
Finderne Alexis Pontiac	38.01
Finderne Holingen Fayne	37.34
Finderne Netherland Fayne	37.13
Finderne Pride Johanna Rue	36.87
Finderne Mutual Fayne	36.73
Finderne Wachusett Fayne	35.61
Finderne Soldene Hengerveld	35.34
Finderne Pietertje Johanna	35.21
Wachusett May	33.96
Vanity Pauline Johanna	33.81
Finderne Soldene Fayne	33.28
Finderne Valdessa Pontiac	33.24
Valdessa Ormsby De Kol	32.98
Finderne Lady Fayne	32.76
Pauline Alexis	32.40
Finderne Johanna Fayne	31.95
Jewel Hengerveld De Kol 3d	31.37
Briar Daisy	31.10
Finderne Pontiac Netherland	31.05
Finderne Butter Girl Fayne	30.64
Finderne Pontiac Twisk	30.59
Finderne Miriam Fayne	30.54
Finderne Hengerveld Soldene	30.45
Average 24	33.92

We have some highly desirable sons of King Valdessa from some of the great record cows listed above. The two nearest dams in every case averaging better than 35 lb.

Sons of King Valdessa head some of the most prominent herds of the breed.

B. MEYER **Finderne, N. J.**

KILBROC HERD

To Introduce

Cloverlawn Johanna Piebe 14th
206159

His Seven Nearest Dams
Average

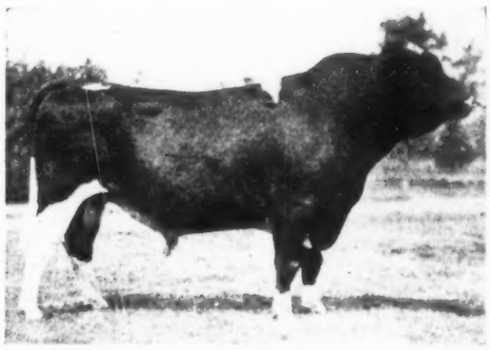
Butter in 365 days	958.56
Milk	22056.65

NOTE THIS SPACE

It will contain an exceptional proposition every issue.

KILPATRICK BROS. CO.
F. C. Haeger, Mgr.
Beatrice Nebraska

Sir Pietertje Ormsby Mercedes 36th



A BULL AMONG THE WORLD'S GREATEST

Sire is S. P. O. M. with 11 thousand-pound daughters. Dam is Aaggie Wayne Peep, 1250-lb. butter in year and the world's record cow for butter production in first five years, 4492.03 pounds.

36th now has the following great [illegible] in his herd: (7 days)

Hester Aaltje Korndyke (World's record when made)	46.786
Almeda Alcartra De Kol of East Side	40.495
Star Farm Belle Mercedes	38.36
Beauty Elgin of East Side	36.97
East Side Salma	34.67
Lizzie Alcartra	33.62
Princess Aaggie Wayne Francine	33.15
Countess Jolly Johanna	29.88
Rhoda Korndyke Pontiac Beets	28.99
Dora Feikje	28.98

Average 7-day record of 5 highest is 39.54 lbs.
Average 7-day record of 10 highest is 35.20 lbs.

These cows are in the 2 herds owned by Brown Bros. of Hartford and Paul H. Brown of Madison, S. D.

After March 1st these 2 herds of about 100 head go under one management on 2 farms and will be known as

THE BROWN BROS. HERDS
of Watertown, South Dakota

Buyers' Opportunities

Here are big opportunities done up in small packages—the Sales Market of Unlimited choice. Advertising in this department is accepted at regular rates and subject only to minor restrictions regarding style and typography.

A "COLANTHA" BULL

Born Sept. 20, 1919.

From an "Ormsby" Dam

Sire—A proven son of Colantha Johanna Lad from a 29-lb. granddaughter of Changeling.

Dam—A 25-lb. daughter of King Korndyke Hengerveld Ormsby, sister to two 30-lb. cows and to the sire of fifteen. Calf is nearly all white and a good individual.

H. D. SEELY, Goshen, N. Y.

From an "ORMSBY" Dam

King Segis on Both Sides

Here is a show bull, born October 5, 1919. His sire is by KING LYONS, the successor to KING SEGIS, whose dam is a 35-lb. daughter of King Segis.

This youngster's dam is an 18-lb. daughter of Johanna King Segis, the famous 40-lb. grandson of King Segis.

G. G. BURLINGAME

Cazenovia, New York

BULLS FOR SALE

I have two most excellent bulls ready for service. They have individuality and breeding galore. Let me tell all you wish to know about them.

L. E. CONNELL

FAYETTE OHIO

RIVERSIDE STOCK FARM

OFFERS

YOUNG BULL born April 10, 1919 Sire:—Colantha Sir Aaggie Hartog, No. 162572, a grandson of Aaggie Cornucopia Pauline and Colantha Johanna Lad. Dam:—K. H. S. Pearl 2d, 22 lbs. butter at 3 years; second dam: K. H. S. Pearl, butter, 31.80 lbs. at 3 years; third dam: Pearl Netherland Vergens, butter 28 lbs.

Calf is nicely marked and a fine individual. We would like to exchange this bull for one equally as good, to avoid inbreeding.

A. W. BROWN & SONS

West Winfield, New York

THE NORTHERN ILLINOIS HOLSTEIN SALES CO.

Offers

Purebred cows, heifers and bulls from good A. R. O. and A. R. S. O. dams and sired by bulls of 30-lb. to 40-lb. breeding. Prices and pedigrees upon request.

R. MORGAN HENLEY Mgr.

Belvidere, Illinois.

BULL BARGAIN

16-months-old son of King College Belle whose dam as a junior two-year-old made a yearly record of 654.76 lb. butter and 16260 lb. of milk and she is from the former world's record cow College Belle Wayne A. R. O. 35.35 butter and 824 lb. of milk in 7 days.

Dam of bull a splendid 20.32-lb. heifer.

Price $290.00 delivered to your station and one year's time on half if desired, without interest.

W. E. ABBOTT

Sioux Falls South Dakota

BULL BORN OCT. 20, 1919

Sire—Great Peter. Dam, Terracelawn Pontiac Lady No. 278959. Record 22.34 at 3 years with first calf. The records of his three nearest dams and two full sisters to the sire average butter 7 days 34.75. Price $300.

H. C. SWARTOUT

Hartwick Seminary, New York

$125 A. R. O. SON OF K. K. S. V. POLAND

whose five nearest dams average 33.48 lbs. butter, 610.56 lbs. milk in 7 days. Dark colored. Born Dec. 8, 1918. Ready for service. Crated F. O. B. all, papers.

F. H. JUDD

Linden N. Y.

BULL CALVES FOR SALE

Sired by Sir Ormsby Johanna Rutena, No. 247957.

Sire—Sir Pietertje Ormsby Mercedes 88th.

Dam—Johanna Rutena with a record of 30.37 lbs. at 4 years old.

Write **for pedigree and prices.**

D. S. COOK

North Eaton, Ohio

TEAT INSTRUMENTS

Slitters, Dilators, lead probes, tumor extractors etc.

Write for 14th edition catalog and teat instrument bulletin.

THE MOORE BROS.

151 Hudson Ave. Albany, N. Y.

YEARLING BULL

His Dam—At 3 yrs. 4 mo., butter 7 days 28.39 lbs., milk 432.70 lbs. A daughter of Pietertje Hengerveld Segis, the Century sire with five 30-lb. daughters.

His sire's dam—butter 7 days 32 lbs. milk 747 lbs. and his sire's sire's dam, butter 7 days 35 lbs., milk 750 lbs.

Mostly white, nice individual, very well grown. $500 delivered, safe arrival guaranteed. Write for pedigree and photo.

Quality First Since 1904

HOBART W. FAY

Mason Mich.

DAIRYING AS AN ESSENTIAL INDUSTRY

In an article which we reprint here, the Boston Post gives its city readers some interesting facts about the importance of the dairy industry to the life and health of the public. It is good sound sense given in a readable way.

Milk is like "manna from heaven", and to many of us it comes just as mysteriously. In our busy pursuits in the city we do not think of the long story back of the quart of milk. We are perfectly satisfied that our milk is on the doorstep each morning. We must have it and get it regularly somehow, in spite of great snowstorms and railroad tieups and all sorts of handicaps. As a matter of fact the stupendous industry of dairying is one of the most complicated, and it is full of human interest.

The milkman realizes that the welfare of the city folks requires his greatest efforts, and so he contrives to maintain this flow of milk from the dairies in the country to our homes in the city. These details make up the life-work of thousands of people and the intricate workings have to do with problems of labor, feeding crops, transportation, testing and distribution. Let us take a glance at this great industry, its development and its place in our life—and in a later article we will consider the production and distribution of these dairy products and their place in our diet.

Although there is not much authentic information about the domestication of the dairy cow, we know that milk was a food of antiquity. From the Bible we learn that Abraham served his guests with milk, butter and cheese, so that we may conclude that the value of dairy products was known long before our era. We find citations of the Roman authors who describe milk as the "most elevated life food with magic working substances." We read also that the Friesian people about 400 B. C., used milk in various ways with every meal and considered it a high favor to be able to present to their guests the milk of the cow.

The Bulgarians and Serbs now attribute their long life to the fact that they use quantities of soured milk. In other countries they get their milk supplies from different sources. The Laplander likes the milk of the reindeer, the Tartar is satisfied with mare's milk, and the Bedouin, never having had any of our fine product, thinks camel's milk rather good. In some rocky regions goat's milk is used, and in temperate regions many pastoral tribes subsist on sheep's milk. Here in Boston, too, we have record of sheep's milk being used before our real dairying began. Dr. Rvelman, in 1670, wrote in a pamphlet that "The healthy looking population with red cheeks and forcibly-built stature is indebted to the regular use of sheep's milk and fresh air".

It cannot be doubted that much of the New England farmer's sturdiness is due to fresh milk and fresh air, although he sometimes jocosely says that we get his fresh milk and he gets the fresh air.

The New England farmer got his first pure bred cow from the Channel Islands, Scotland and Friesland. be-

tween 1830 and 1850—the principal breeds being the Jersey, Guernsey, Ayrshire and Holstein. The Holstein race can be traced back 2000 years and originally were two races, one pure white and the other black. The composition of the milk of these different breeds is similar, as also is that of the other animals—all pure milk is rich in health-giving properties.

The word "dairy" is a middle English word, meaning "that part of the farm where the maid works." But strange to say, the maid of New England prefers stenography, and so, unlike the European custom, our dairy maids are men. The gentle cows have never been known to complain about this innovation, and so the regrettable practice has continued.

Greater progress has been made here in dairying in the past century than elsewhere throughout history. Our distribution may be faulty, but no improvement seems possible under competitive conditions. Boston has the best milk supply of any large city. It would not be fair to compare our delivery methods with those of British India and the West Indies, where the cows are milked at the door of the homes; but in parts of Paris and Rome, milch goats are managed the same way. In Scotland, Holland, Denmark and Switzerland the service is more picturesque, but hardly as sanitary, for it is retailed promiscuously from wooden vessels.

It is impossible to estimate the amounts of dairy products used in Boston. Large amounts of butter and cheese are imported, but as fluid milk alone we require 350,000 quarts daily. And, as there are not enough cows in Greater Boston to supply the people of one street with milk, we must go out to the rural sections of New England for it.

There are upwards of 20,000 dairies sending milk to Boston, so it is probable that 100,000 people are in some way concerned with our milk supply. Because we are busy in the city we know little of the romance in the life of these busy people in the farm houses; their routine and pastimes, and their problems are far from our thoughts. But in reality their lives are fuller than ours; while we are merely swapping dollars, the dairy farmers are the greatest producer of wealth—in terms of food—in the whole world.

In order that the dairy people get somewhere near their share of prosperity, it is necessary, as in all other businesses, that the demand for milk increase and do so regularly; thus, by increasing the voulme, we decrease the expense per unit. We can now foresee a better future for the dairy industry, for our children in the schools and our workers in industry are increasing their use of milk greatly. Golden opinions of dairy products now prevail, because of the improved mental and physical condition of the pupils and the workers. Scientists have proved that no other food contains the essential elements of building healthy bodies and doing it economically. Long life to the dairyman, and may he continue to serve us in his incomparable way.

Do you drink enough milk?

Dutch Corner Holsteins

A State and Federal Accredited Herd

Bull calf born Dec. 27, 1919. Mostly white, sired by Governor Walker Lyons, No. 196616, whose 10 nearest dams average nearly 100 lbs. milk each per day.

Dam of calf—D. C. Beauty Hengerveld 3d, at 3 yrs. 24.56 lbs. butter, 7 days. 2d dam, 29.50. 3d dam, 25.05. 4th dam, 27.50.

Price $300, delivered east of the Rockies, at 3 mos. old.

JOHN J. WALRATH

East Springfield New York

---

30 registered heifers bred to freshen in fall, 10 registered heifer calves 3 months old, 18 registered bulls 3 to 15 months old, 60 registered cows fresh and springers, 60 high grade Holstein springers, federal tuberculin tested. 25 high grade heifers, part of them bred, 7-8 Holstein heifer calves $20 to $25 each. The SPOT to buy Holsteins worth the money.

JOHN C. REAGAN

Tully N. Y.

WANTED

Position as manager of a purebred stock farm, where advanced registry work is important, by a man experienced in both long and short time tests.

Married, small family, college training, wide experience in all kinds of farming and constructive work.

Address

Box J. W.

Holstein-Friesian World
Syracuse, N. Y.

An Exceptional Calf

Sir Ormsby Veeman Johanna

Born April 16, 1919. 34 White.

He is sired by a wonderfully good son of Sir Veeman Hengerveld that was first senior and grand champion at the South Dakota Fair this year.

The dam of the calf is an 18-lb. 2-year-old daughter of King Korndyke Veeman Vale. She was first prize senior yearling at the South Dakota Fair in 1917. As an individual, this calf will please anyone and his pedigree will be very much improved this winter.

Write F. E. Johnson for picture, pedigree and price.

P. R. Crothers & Son

Badger, South Dakota

Frank E. Johnson

Hetland, South Dakota

GENOA STOCK FARMS

Herd headed by

Finderne Fayne Valdessa

Who carries the blood of five world's champion cows. His dam (3 years old) and sire's two nearest dams average 41.06. His four nearest dams average 38.56. His eight nearest dams average 32.52. A bull with absolutely solid backing. Nothing but young sons for sale.

Brock & Jenks, Genoa, N. Y.

Moderately Priced Bulls

Good individuals from untested dams or dams with small records. Some of these are sired by a 29-lb. son of King of the Pontiacs, and others by a 31-pound son of King Segis Champion.

W. S. Woodcock

Edwards New York

Advertise in the

Holstein-Friesian World

FOR SALE—6 HEIFERS—6

These are the first heifers I offer for sale. Part are from tested dams. Two from Korndyke Nanuet Rag Apple, 93230, son of Rag Apple Korndyke.

Four from King La Polka Aesula De Kol, 264692, son of King La Polka Korndyke Champion. Age from two to twelve weeks. Sacrifice for quick sale, $480. **One for $90.**

H. M. BRECKENRIDGE

Rensselaer Falls N. Y.

All serviceable bulls gone. Have some bull calves from seven-day and yearly record dams. Also a couple of heifers for sale.

ALLIQUIPPA FARM

Newtown Square, Pa.

A GREAT COMBINATION

Bull Calves for Sale

Sired by Sir Ormsby Segis Korndyke Pontiac. Sire is Sir Ormsby Hengerveld Korndyke. His dam is Watson Segis Pontiacs, a 31.35-lb. daughter of King Segis Pontiac Count.

ARTHUR T. WARNER

Cobbleskill, N. Y.

From

Johanna Dams—Ormsby Sire

21 lb. at 2 yrs. 30 lb. at 4 yrs. Investigate the breeding on one of our bulls.

"Home of the Johannas"

W. J. GILLETT & SONS

Rosendale, Wis.

ZUYDERZ HOLSTEINS

Include the bull born Oct. 23, 1918.

ZUYDERZ KING BURKE

Sire, King Rag Apple Colantha, whose sire is Rag Apple Korndyke 8th. Dam, Johanna Celeste—30.18 lbs. butter. Bull's dam is a daughter of Oakland Paul Beets Burke.

Write for price, pedigree and photo.

E.H.Smith, Board of Trade, Duluth, Minn.

BULL CALVES

Out of tested dams and out of a son of the State Champion cow of Ohio for 30 and 60 days.

Crystal Spring Dairy Farm

Suffield Ohio

NUWAY HERD OFFERS

Bull born Feb. 14, 1919, 7-8 white. Sired by K. K. S. V. Pontiac from a 20.83-lb. dam. Price $250.00. Herd under Federal supervision. For further particulars address

D. W. Morris & Sons

West Winfield New York

Headquarters for Calves of

30 to 40-lb. Breeding

IDLEAZE FARM

Johnstown New York

KING OF THE PONTIACS
KING SEGIS BULL No. 150

Born Jan. 9, 1920. Two-thirds white and a faultless individual. Right in every particular. Sire—A son of King Segis Pontiac out of a 23-lb. 4-yr.-old daughter of King of the Pontiacs. Next dam 27. Dam—De Kol Regis Burke 223112 with a jr. three-year-old record of 19.30. 428 lbs. milk—a granddaughter of A & G Regis De Kol Burke, 23 A. R. O. For those particularly interested, I have pictures, pedigrees, etc.

C. B. MARSHALL
Morrisville N. Y.

NEW MONT HOLSTEINS

A good pair for $275. Bull a large growthy fellow, ¾ white. Born Jan. 2, 1920. His dam a 26-lb. 4-year-old.

Heifer large and straight, 7-8 white. Born Nov. 25, 1919. Dam a 19.98 lb. daughter of a 20-lb. cow. Sire of calves a grandson of King of the Pontiacs through a 31-lb. son.

I also have two bulls 4 months old out of 20 and 24 lb. dams. Sire a 29-lb. bull. Price $100 each.

R. E. EDDY
Poultney Vt.

KING OF THE PONTIACS BREEDING

Bull calf born October 1919. Sire Terracelawn King Pontiac. His sire's sire King of the Pontiacs. Dam, a 32-lb daughter of Hengerveld De Kol. Dam of calf a near 22-lb. 3-year-old, 75 per cent the same blood as the great 40-lb. cow Otego Valley Christmas Belle, whose son sold recently for $5,000. Also 100 per cent the same blood as a cow with three records averaging 29 lbs. Calf nearly white, straight and well grown. Price $250.

S. J. BURTON & SON
Worcester N. Y.

HOLLINS HERD

Under Federal Test since 1912.

BULL CALF born. September. 1919, backed by yearly records and sired by a son of King Lyons.

All Hollins Herd Cows have yearly records made under herd conditions, two milkings a day.

Jos. A. Turner
Dept. W. Hollins College, Va.

5.13 PER CENT. FAT

is average test of dam of my herd sire. Her records are:
Butter 7 days, 30.36. Average per cent of fat 5.53.
Butter 30 days, 121.85. Average per cent of fat 4.93.
7 days, 3 months division, 23.12. Average per cent of fat 5.43.
Butter 365 days, 1226.23. Average per cent of fat, 4.59.
She is the highest testing cow of the breed.

4.4 PER CENT. FAT

is average test of his first 10 tested daughters. Among them is a 23-lb. 2-year-old. a 25-lb. 3-year-old and a 26-lb. 4-year-old.
Long Beach De Kol Korndyke No. 85196 through his dam, sisters and daughters is the highest testing bull in the breed.
Don't you want one of his baby sons out of a good A. R. O. cow?

DAVID FALCONER
Scottville, Mich.

REGISTERED HOLSTEINS

15 springers, heifer and bull calves, by King Segis Pontiac Corrector. Herd now headed by a 32-lb. bull carrying the blood of Colantha Johanna Lad and Sir Veeman Hengerveld. Carloads can be bought at all times in this vicinity.

Dwyer's Purebred Holstein Farm
Schaghticoke, N. Y. R. F. D.

$250 $250

Buys
a grandson of

Ormsby Korndyke Lad

ready for service. This bull was born in Jan. 1919, is well grown, in nice condition, light in color and a very good individual. His dam, Roxie Butter Girl, has a record of 18.46 lb. at two years of age. She is a daughter of Korndyke Butter Boy from a daughter of King Korn. Hengerveld Ormsby which makes a grand combination of breeding.

Act quickly if you wish to secure a bargain.

H. B. DAVIS
Davisdale Farm
Chester, New York

AT FARMER'S PRICES

BULL CALVES FOR SALE

Dams—Daughters of Tidy Abbekerk Prince.

Sire—A son of Ruby Pietertje Butter Boy who made 29.65 lbs. at 3 years, 40.24 lbs. at 5 years.

Also a few heifer calves.

HENRY LATHROP & SONS
Sherburne, N. Y.

ATTENTION!

Without cash money, but only easy terms, you can acquire a very highly bred, registered Holstein-Friesian bull, by writing for full particulars to

Box BR
Care Holstein-Friesian World
Syracuse, N. Y.

Service Bull For Sale $200

Born Feb. 1, 1919. Nearly all white. Sire, King of the Changelings (a 33-lb. son of King of the Pontiacs). Dam, an A. R. O. daughter of Changeling Butter Boy (a century sire), second dam an A. R. O. daughter of Tidy Abbekerk Prince. A choice individual, well grown.

FRED A. BLEWER
Owego, New York

A SHOW BULL
READY FOR SERVICE

Dam a fine individual; is a daughter of a 37-lb. bull with an 18-lb. record as a junior 4-year-old and will be tested again. Sire is out of a 27-lb. cow now on yearly test. Nicely marked seven-eighths white and hard to fault in any way. Price for quick sale, $350.

ARCHIE REID, Jr.
Janesville, Wisconsin

Champlain Valley Vermont

Farm 300 Acres

Equipped with all modern machinery, largely worked with tractor. Modern buildings. 50 head registered Holstein cattle, Federally tested. Also considerable orchards. Wanted reliable working farmer, preferably with son or sons, all good cow men and familiar with A. R. O. work, to work for a year with prospect of leasing. State experience, age and references.

W. B. DODDS & SON
North Hero Vt.

Dairygrams

By Helen S. K. Willcox

Owing to being unable to get cans from New York during the February blizzards, the Sheffield Dairy Company at Smyrna, N. Y. was unable to handle the patrons' milk from the local dairies for two days. Perhaps some of those dairymen were able to eat butter for a time in place of their usual "oleo".—News Report.

* * *

Holland has had a great year. The Department of Commerce announces the following figures: Exports, 200,000,000 pounds butter, 500,000,000 lbs. cheese, 350,000 sets wooden shoes. Imports, 147 pounds Kaiser, 133 pounds (ringside) Crown Prince.

* * *

Friends of free seed won their fight in the House, Feb. 9 by defeating, 130 to 71, a motion to eliminate from the agricultural bill an appropriation of $239,000 for seed distribution to their constituents at Government expense.

* * *

The desire to achieve is the key that unlocks the door to most of the world's good things. Without it, no person ever gets anywhere. You have got to love what you are doing and love it for the sake of doing it. Otherwise you will never rise above the common herd. No money, no power, no position, no anything, can get you anywhere unless you have an ambition to achieve, which comes of a love of what you are doing. If you can't enthuse, you can't succeed. If you don't enthuse over what you are doing, do something you can enthuse over.—Farm and Fireside.

* * *

According to the report of the state tax commission, the total assessed value of the real and personal property in New York state is well over $13,000,000,000. Real estate was assessed over $12,700,000,000 and persona property other than bank stock at about $450,000,000. This great state therefore has more wealth than many small nations.

* * *

Johnstown Democrat—It is said that some folks over in Europe are using butter for same grease. It is just the other way around here.

* * *

Boston Herald—Bolshevism would work better if bolshevists would.

* * *

Three ambitious Connecticut boys wanted a college education above everything else. They lacked the ready cash for paying tuition, board, etc., but being resourceful chaps they didn't let that bother them. When the time came to start, each packed up a flock of hens and betook himself confidently to college. The boys cared for their birds at odd times and the latter repaid them by laying eggs which, when sold, brought them sufficient money to meet all their expenses; one poultryman-student's flock netting him $285. Verily, where there's a will, there's a way. We'll wager that their education will do these boys a lot more good than that

of students who are supported by wealthy dads.

* * *

The effect of fertilizing is almost magical. It is not suprising, then, that the ancient Italians on first noting the superiority of plants grown on manured soil, believed that some supernatural power must have been at work. At once after this, they invented a god, called Sterculius, whom they worshipped, hoping thus to enlist the aid of the diety in making their fields more productive.

* * *

Some way or other people have got the notion that American farmers are rather inefficient and lazy compared to farmers of other lands. This is incorrect and unjust, an official statement of the secretary of agriculture declares: "Taking both acreage and yield per acre into consideration, the average American farmer produces two and a half times as much as the average Belgian farmer; two and three-tenths as much as the English; three and two-tenths as much as the French; two and one-half times as much as the German and over six times as much as the Italian. "Hats off to the American farmer!"

* * *

Sunday School Teacher (darkly) Where do all the little boys go who do not put their pennies into the collection box?

Pupil—Please, ma'am, to the movies.

* * *

When are we going to begin spending our money to bring in more money? In other words, it is decidedly up to the dairy interests to sell themselves and their product to the consumer so that more milk, butter and cheese may quickly be demanded—or watch for the bottom to fall out of milk! In New York state, milk production has greatly increased, thanks to better knowledge of successful dairying methods and better cows, but now that foreign exports are practically no more on account of the condition of foreign exchange, it behooves every man Jack of us to take a couple of cents a week from our pockets and tell the consumer the whole truth about milk. If we don't increase American consumption of milk to equal production and the surplus caused by lack of export facilities, we will be going out of business in less than a year by the thousands. It pays to advertise!

* * *

I never saw a purple cow—
I never want to see one.
But this I'll say, I'd rather see
A purple cow than be one.

* * *

You can't blame people for hating to pay sixty, seventy or eighty cents a pound for poor butter; yet far more poor butter is offered on the market than good. It should cause American butter-makers a real shock to learn that the imported Danish butter is of far higher grade and far more delicious than that of domestic manufacture. It wouldn't take long to win our markets away from us if such is the case. Has the old-fashioned art of butter-making died out with the bicycle and one-cylinder car?

$500.00

For seven head registered Holsteins. Six heifer calves and one bull calf.

Sired by King Konigen Concordia, No. 200812, a 36.37 son of King Segis Pontiac Konigen and Nellie Concordia De Kol 2d, 32.40, who has a 31-lb. dam.

Light colored, nicely marked, thrifty, from good producing dams. Born between Nov. 1, 1919 and Feb. 1, 1920. Four of the dams are sired by a 30-lb. son of King Prilly Konigen. For further information write to

JOHN BURKE & SON
Ilion N. Y.

HERDSMAN WANTED

Single man to take charge of a small herd of Holsteins going on test for the first time next Fall. Position open any time after April 1st. Farm located near Philadelphia, Pa. Answer giving experience and compensation expected.

Box A. L. L.
Care of HOLSTEIN-FRIESIAN WORLD
Syracuse, N. Y.

FOR SALE

Two first-class sons of a full brother to Vanderkamp Segis De Kol, subject of the story in Feb. 7th World. Dams are well bred first-class cows. Price $100 each.

Lloyd Smith
Meadville, Pa. Star R.

FOR SALE

Three good producing five-year-old granddaughters of Pietje 22d's Woodcrest Lad. Two due in March, one in May.

E. S. HILL & SON
(Station Peruton) Freeville, N. Y.

STOP AND LOOK!

I offer a grand bull ready for service whose dam is a sister to Sir Pietertje Ormsby Mercedes with eleven daughters have 1000 lbs. butter in a year. Price $650.

J. F. SCHMIDT
Randolph, Wisconsin

ROADSIDE FARMS HERD
Headed by
ADMIRAL URMAGEL BURKE

The bull that puts straight backs and nice udders on his offspring. His two nearest dams average over 30 lbs. His first four daughters average over 20 lbs. as 2-year-olds.

His choice sons for sale.

B. C. HEMPHILL
Dexter Iowa

Grandson of King Segis Pontiao Konigen

Calved Nov. 9, 1919, 7-8 white, perfect "Konigen" type. Dam—A granddaughter of King Pontiac Konigen. A great producing combination. Price $100.00. Send for pedigree.

Albert F. Kilts
Fort Plain, N. Y. R. D. No. 6

FOR SALE

Three Good 30-lb. Bulls

Ready for immediate service. These bulls are well grown, good individuals, nicely marked and are bred in the purple.

For pedigrees and complete information address.

S. B. & F. D. Van BUSKIRK
Hornell N. Y.

Clean Out Abortion

From Your Herd

IT CAN BE DONE BY THE PERSISTENT USE OF

Hood Farm Abortion Remedy

and

Hood Farm Breeding Powder

Hundreds of breeders have saved valuable cows and their calves by giving the Abortion Remedy promptly and freely on the first sign of abortion.

This Remedy strengthens the weak parts and helps hold the foetus. Its success has been remarkable.

Injection with Hood Farm Breeding Powder every day for 21 days before service, then every day for 21 days after service, destroys abortion germs, disinfects the organs and keeps cows in a normal, healthy breeding condition.

PRICES: Abortion Remedy, prepaid, $1.25, $2.75 and $9. Breeding Powder, prepaid, $1.15, $2.75 and $5. Injection Tube, by mail, 90 cents. One medium Breeding Powder, one medium Abortion Remedy, one Tube, prepaid, $5.75.

Write for full information. Mention this paper.

C. I. HOOD CO., Lowell, Mass.

Poplar Valley Farm

(Herd under State supervision.)

Offers a granddaughter of King Segis Pontiac Alcartra, the $50,000 bull.

Born April 14th, 1919. Fine individual, straight and well marked. Sire—King Segis Alcartra Pontiac, whose 3 nearest dams average over 33 lbs., and whose 2 first tested daughters averaged 21.16 as junior 2-year-olds.

Dam—Idene Favorite Bonanza, 15.84. A granddaughter of Lauderdale Duke, who has a number of A. R. O. daughters including Ruth Bonanza Adeline, 28.47.

Pedigree and picture upon application. Price $150.00.

SUMNER S. GILL
Morrisville, New York

$150 Buys a $300 Bull Calf

Sired by my $3,000 son of King Segis Pontiac Alcartra, the famous $50,000 bull, ¾ brother to King Segis Pontiac Count and King Segis Pontiac Konigen, from a $2,000 30-lb. dam of the great century sire, Sir Veeman Hengerveld (17 30-lb. daughters). Dam of calf 23-lb. 3-year-old granddaughter of a sire that has 12 30-lb. daughters, he a son of Colantha Johanna Lad. She is a show cow—a 30-lb. prospect.

Calf is an excellent individual, handsomely marked. Hurry if you want him. Express paid, delivered to any part of U. S. Safe arrival guaranteed.

Other bull and heifer calves from high record dams. Herd tuberculin tested.

FAR VIEW FARMS
C. D. Fortnam, Prop. Tyler Hill, Pa.

LAKESIDE HERD

Great Bulls at Bargains.

Very fine bull born May 5th, 1919.

Beautifully marked, over half white. Dam 30.69 lbs. butter, 656.2 lbs. milk. Dam of sire 36.05 lbs. butter 785.40 lbs. milk. Dam of grandsire, three times 30 to 33.37 lbs. Great grandsire, sixty-two daughters, including four-year-old 40.32 and eight others 30 to 33 lbs.

Also a splendid bull just a year old.

Three-fourths white, large, straight and handsome. Record of dam and her sire's dam, sire's dam and grandam and grandsire's dam average for the five 31.41 lbs.

Write for particulars, and pedigrees.

E. A. POWELL Syracuse, N. Y.

805 West Genesee St.

FOR SALE — HOLSTEIN FRIESIAN BULL

A beautiful calf—very light in color—16 months old and ready for heavy service. Sired by a 43-lb. bull and his dam a 19.51-lb. 3-year-old. His five nearest dams average 29.71 lbs. butter in 7 days. Priced to sell. If interested, send for pedigree and photo.

Patterson & Dickinson

BELLEFONT FARMS Bellefontaine, Ohio

HERE'S A SON OF BLOOD ROYAL

Born October 23, 1919. A dandy individual.

Sire—A son of Sir Veeman Hengerveld from a 21.98-lb. daughter of King Korndyke Sadie Vale. Second dam a 34-lb. daughter of Sir Korndyke Pontiac Artis.

Dam—Meadow Lark Pontiac Walker—a 21-lb. junior 3-year-old; second dam, B. K. P. Lilith, a twice 29-lb. cow.

SILVER BIRCH HERD F. H. HUETSON & SONS **Mexico, N. Y.**

YEARLY RECORDS

Cloverlawn Johanna Piebe 54th for sale. Born Jan. 11, 1919. Large well grown, in color ½ white. His ten nearest dams average 925 lbs. of butter 20,895 lbs. of milk a year. Price $900. Other bulls from one to fourteen months, all from yearly record stock. Herd numbers 140 head, 40 cows with yearly records.

Clover Lawn Farm

Hartford Wis.

ALFAKORN FARMS

OFFER

7 sisters, 5 to 10 months old, by a 36-lb. bull, and from dams by a 32-lb. bull—$1600

10 heifers, mixed lot, 3 to 10 months old—$1100

8 bred 2-year-olds, due in the spring by King Reliance, a double 32-lb. bull.

No Matter What You Want—We're Here

F. B. GREEN & SONS Evansville, Wis.

Smiles

Up-to-Date

Teacher—Name the five zones.

Pupil—Temperate, intemperate, war postal and o.—Boston Transcript.

A Cyclone's Work

"Once in Texas, I came upon a tall chimney, like a factory chimney, rising in an arid waste.

" 'Friend,' I said to a native, 'what is that chimney doing there?'

" 'That ain't no chimney,' said the native. 'It's a well.' "

Envious Pa

Young Johnny had been reading the evening paper and paused contemplatively for a few moments.

"Father," said he, "what is inertia'?"

"Well," replied the father, " if I have it, it's pure laziness, but if your mother has it, it is nervous prostration."—London Tit-Bits.

Subterfuge

"So you're to enlist, Mike?"

"Oi am."

"Let me tell you something. They say that the Germans write the name of a soldier on each shell, and that's the shell that kills the man whose name is on it."

"Ye don't say! Thin, begorry, Oi'll fool 'em. Oi'll enlist under an assumed name."—Boston Transcript.

She Didn't

"Do you assimilate your food aunty?"

"No, sah, I doesn't. I buys it open and hones', sah."—Baltimore American.

Listening In

Mrs. Klean Kitchen took down the telephone receiver and discovered that the line was in use. "I just put on a pan of beans for dinner," she heard one woman complacently informing another. She hung up the receiver and waited. Three times she waited, and then, exasperated, she broke into the conversation. "Madam, I smell your beans burning." she announced crisply. A horrified scream greeted the remark, and Mrs. K. K. was able to put in her call.—Scranton Times.

Not Quite Sure

An insurance agent was filling out an application blank. "Have you ever had appendicitis?" he asked.

"Well," answered the applicant. "I was operated on, but I have never felt quite sure whether it was appendicitis or professional curiosity."—Grit.

Not Restricted

"Ah! It seems that you have but scant space in which to rear so large a family," commented the traveler, appraising at a glance the dimensions of the domicile.

"Scant space?" returned Mr. Gap Johnson, of Rumpus Ridge, Ark. "Why, thunder, Podner, we've got all out doors for it!"

ECHO KING SYLVIA

Think of him at all times as a son of May Echo Sylvia and her only son having four 40-lb. dams in his pedigree.

A most beautiful individual—a show bull nearly all white in color, wonderfully well grown and a bull every inch of him.

Come and see him, and at the same time inspect the great collection of females we have assembled, including Zarilda Clothilde 3d De Kol, the great 33,000-lb. cow; Homestead Susie Colantha, the great Canadian champion with over 700 lbs. milk; Kayewood Joyce Korndyke, champion cow of the state; Mabel Segis Korndyke, the breed's first 40-lb. heifer, and many others like them.

Echo King Sylvia—remember his name always.

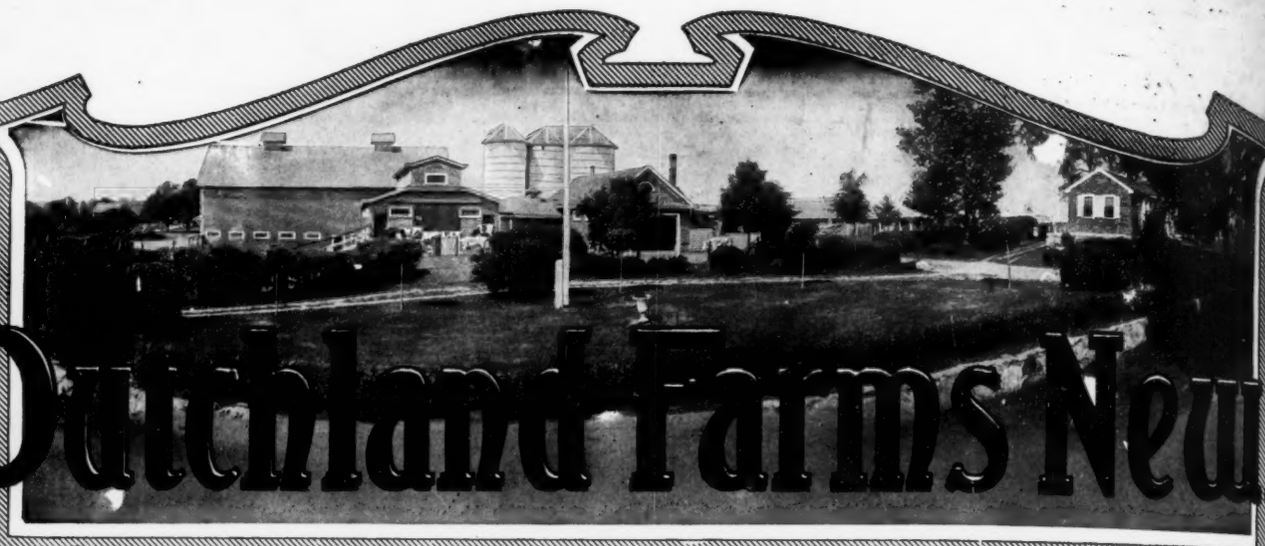
Get your name on our mailing list now for more information about Echo King Sylvia.

Bell Farm

"The Utmost in Quality Holsteins"

CORAOPOLIS, PA.

CORAOPOLIS, PA. HOME OF ECHO KING SYLVIA {SON OF MAY ECHO SYLVIA}



Dutchland Farms News

Concerning the Greatest Milk Producing Herd in the World

Five Generations of Changeling Breeding

REPRESENTED IN

DUTCHLAND KONIGEN SIR CHANGELING

No. 267847

King Segis Pontiac Konigen
The sire that has made good through his daughters in both 7-day and yearly test, the first 25 tested averaging 22 lbs. of butter from nearly 500 lbs. of milk and the first 5 to enter yearly test average 858 lbs. of butter from over 18,000 lbs. of milk.

Dutchland Colantha Change
One of Colantha Johanna Lad's very best individual daughters, with a splendid record of 19.46 of butter from 421 of milk in 7 days and 73.64 of butter from 1664 of milk in 30 days. Will calve again in April at which time will be put on yearly test and we have every reason to believe eventually will be one of Colantha's largest record daughters.

King Segis Pontiac
126 A. R. O. daughters
6 over 30 lbs.
50 producing sons

K P Diona Pietertje
Butter 40.12
Milk 825.6
2 A. R. O. daughters
1 over 30 lbs.

Colantha Johanna Lad
126 A. R. O. daughters
26 over 30 lbs.
30 over 600 lbs. milk
92 producing sons

Dutchland Pietertje Changeling
Butter 30.98
Milk 445.3

King Segis
87 A. R. O. daughters
11 over 30 lbs.
86 producing sons

Pontiac Clothilde De Kol 2d
Butter 1271.6
Butter 37.21
Milk 646.1
2 A. R. O. daughters

King of the Pontiacs
257 A. R. O. daughters
3 over 40 lbs.
28 over 30 lbs.
160 producing sons

Diona Konigen Pietertje
Butter 37.44
3 A. R. O.
Milk 610.4
1 over 40 lbs.
1 over 30 lbs.

Sarcastic Lad
35 A. R. O. daughters
38 producing sons

Colantha 4th's Johanna
Butter 1247.82
Butter 37.21
Milk 651.7

Dutchland Sir Pietertje Hengerveld
23 A. R. O. daughters
5 over 30 lbs.
13 producing sons

Dutchland Changeling Colantha Lad
Butter 30.96
Milk 617.2
Dam of 1 over 30 lbs.

Six of the 7 nearest dams are 30-lb. cows, and their 7-day average is 35.32 lbs. of butter from over 630 lbs. of milk.

The fourth dam on the dam's side, Ready Change, made over 31 lbs. of butter and 720 lbs. of milk and the fifth dam, Changeling, has over 29 lbs. from 663 lbs. of milk.

Dutchland Konigen Sir Changeling is twelve months old, three-fifths white, and especially well grown, in fact, is a very attractive individual

Remember his blood lines—Konigen-Changeling-Colantha. Price $3,000.

Pedigree by return mail on request.

FRED F. FIELD DUTCHLAND HOLSTEIN FARMS "THE HOME OF PRODUCING DAMS."

MONTELLO STATION BROCKTON MASS.